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<210> 3231

<211> 2495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(662)

<223> similar to gi5901836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3231

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<210> 3232

<211> 958

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(53)

<223> similar to gi2828710 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3232

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aagcaaagag	aagaaaggag	gaagaccaag	ccaccctggt	agaacaagta	aaaagagtaa	840
aagaaattga	agctattgaa	agtgattctt	ttgttcagca	gacattcaga	tcaagtaaag	900
aagtcaaaaa	gtcagtgga	cctaattggag	tgaaacaggc	acctttaaca	tcaggacg	958

<210> 3233

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(651)

<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3233

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tgtcagagcc	ccctgtgtac	tgtaacctgg	tggaccttcg	ccgctgtcct	cggteccccac	180
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ccaactctgg	acgctgcttc	tacataaatt	cactgactgg	ctgcaagtcc	tggaagcccc	300
cgcgccgcag	tcgcagcgag	acgaaccctg	gctccatgga	ggggacacag	accctgaaga	360
ggaacaatga	tgtcctgcaa	cctcaggcaa	agggcttcag	atctgacaca	gggacccccag	420
aaccgcttga	cccacagggt	tactcagcc	tcagccaacg	cacctcgag	cttgaccctc	480
cagccttgca	ggccccctga	cctctgcgc	agctcctgga	cgacccccat	gtgaacctcc	540
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acttcactcc	tgggagaccc	cctagggaaa	gccgtggcca	ctatggaggg	cgagggtgat	720
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<210> 3234
 <211> 1938
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (183)...(985)
 <223> similar to gil93527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3234
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 ccagacaaca aggtcctcaa tgtgcctgtg gctgtcattg cagggaaccg acccaattac 300
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 ggcattccagc atactcccat cagcatcaag aatgcccgcg tgtctcagca ctacaaggcc 480
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 gaggatgaca gcctgtactg catctctgcc tggaatgacc aggggtatga acacacggct 660
 gaggacccag cactactgta ccgtgtggag accatgcctg ggctgggctg ggtgctcagg 720
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 cctctgggaa aaaaaaaaa 1938

<210> 3235
 <211> 2186

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2175)...(1949)
 <223> similar to gi288145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3235

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gcccgccttg	cccgcggcg	gtctgcggtg	cacatgctgc	gcttcaatgg	ctatagagag	600
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<210> 3236
 <211> 1257

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1258)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1210)...(840)
<223> similar to gi930045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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agccacctgg aggtctcttc gggcgagcct tgagtgtccc ctggccgccc ggccaggaag     1140
ctgtgagcca gcagcgctc cttggtgtgc tcgtcctgcg cgcgcagggc cagggcgatg     1200
agcagctccg gaattccncc gcnctgacta aggtctcaaa anncnagggt gatctat       1257

```

```

<210> 3237
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (150)...(684)
<223> similar to gil532033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

gagcccagag acagctagga gtcagagaca cacagggcct cactgcgtc actcagaccc 1380
tggttgacac ctcccacggc gaggaggcag ttcttgacga ctatgctgga gcaggcacag 1440
cggggtgtgg gcatggcagg gaggatctcc catttggttct tccctgggtg gaatgcttcc 1500
gccgtctcca ggacagtggg ttgattccca agtccccag ccactatgac ccgtccactc 1560
agagagccag ccacaaaatc tgcccgcgcg ttcttgagga agaacgatcg ttccatcttc 1620
agccatcccc cctgttccat gtcgaacacg tccatcgctc gcaggaactt gggctgccgg 1680
tagaggcgac cttgccgcag gcctcctagg ctgtacaagt ggttgctcag ggtcacaaag 1740
ctggagaagg cccgcttata gggaatgttg ggaaacttgg tccaggagcg agtctcgatg 1800
tcaaagacct cgaaagcggt gaccgcgtac ttggactgtc gtccccccag cacgtagatc 1860
ttggagcctc ggaggaagga ggtggcagca tatctcgggg tgggcatggg tgctagggac 1920
acccacatgt ccttcagcat gtcatagtgt tggaggtggt tgtgtggac taggtccagg 1980
cccatcccg ctcgcccata tactcggtaa tctttggccg tgacagaaat gcccatggcg 2040
gcctcacgca gcatgctcct cttcttcac ttgccctcat cgatgttgta catctccacg 2100
accttcaggg gcagctgatt ggtgcccacg ccccaaatca ccatgatccg cttccccagg 2160
gcggtgacgg ccacccccgc ccgggctgtg ggcagccggg gcaaggcggt ccactggctg 2220
gcctccgggg agtagacctc gaagcagtc atggggacgc cgttgctgct acatcccccg 2280
atggcataga cctggccccc ggtctccagc agggagcagt agaccggcg gctgggcagt 2340
ggcgccaggc gcttccactg gaagtccttg acgttaggca cctccatggc agccttgggg 2400
agcggccggg cgccgggaga gttgcgagcg cgggggtcca ccggctactt ggcgccggct 2460
cccacggccc ctatcgact aaa
2483

```

```

<210> 3240
<211> 2451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(1567)
<223> similar to gi2827886 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3240
tttcgtcacc caggcagtc ctgacgtgtc ggggaggagc cgggcgcgga ggtacgctga 60
gtggagctcg gggctgcgta ggggagctga gccgagcggc tgggcggggc tggccggggc 120
agcggagggg agacgtcggg tgagcggcgg cgaacatgcg cttttgacac attggaggct 180
ttcttgatca tggatggtga agatatacca gatttttcaa gtttaaagga ggaaactgct 240
tattggaagg aactttcctt gaagtataag caaagcttcc aggaagctcg ggatgagcta 300
gttgaattcc aggaaggaag cagagaatta gaagcagagt tggaggcaca attagtacag 360
gctgaacaaa gaaatagaga cttgcaggct gataacaaa gactgaaata tgaagtggag 420
gcattaaagg agaagctaga gcatcaatat aaggagcagt tgataagta tgtgagagag 480
gaagatgatt taagtcagac tcgggccatt aaggagcagt tgcataagta tgtgagagag 540
ctggagcagg ccaacgacga cctggagcga gccaaaagg caacaatagt ttcactggaa 600
gactttgaac aaaggctaaa ccaggccatt gaacgaaatg cattttttaga aagtgaactt 660
gatgaaaagg aatctttgtt ggtctctgta cagagggttaa aggatgaagc aagagattta 720
aggcaagaac tagcagttcg ggaaagacaa caggaagtaa ctagaaagtc ggctcctagc 780
tctccaactc tagactgtga aaagatggac tccgccgtcc aagcatcact ttctttgcca 840
gctacccctg ttggcaaagg aacggagaa acttttctt caccgaaagc tataccaaat 900
ggtttttgta ccagtcact aactccctct gctaggatat cagcactaaa catcgtgggg 960
gatctcttac ggaaagtagg ggcttttaga tccaaattag cagcttgtag gaattttgca 1020

```

```

aaggaccaag catcacgaaa atcctatatt tcaggggaatg ttaactgtgg ggtgctgaat 1080
ggcaatggca caaagtcttc tcgatcaggg catacatctt tcttcgacaa aggggcagta 1140
aacggctttg accccgctcc tcctcctcct ggtctgggct cctcgcgtcc atcgtcagcg 1200
ccgggtatgc tgcctctcag tgtgtgagtg cctagcctcc aggtgggggc tcctgccctc 1260
ctccaacaac ccaggacacc cacgcctcac ccctcgtgca ctgggcccag ccccggtgcc 1320
ctccgtctgc ctccgcacgg ctggcagagg gcaggctgca tgcagtggcg gctactgggc 1380
cctgcccagc cccggaactc tgcgcgatat caatactggc tattttctct tctcgcgcta 1440
gtgccgttgg tttcacatga ttgcactttt gtgggtcgca aggtgataca tacgtgtatt 1500
acttggtcac tggatgcaga agtaccatt catcacacct gcccacatag cccactctg 1560
ctgtactgat aggatttagt tgtgttttag gacattgcaa atcttctaga agttctcccc 1620
caaatcaggt caatgtgtgc cctcctgagc tcccaccag gcactctccag tgctcatgat 1680
catgtgtccc ccaactccac ccctcacagt ttgggcctgt ttctggcaaa gagtcaggaa 1740
ggttactgaa ttagggaaca ttttctgcac cttctgattt tacttaagca gctaccattc 1800
catggacttg cctcccagag cagcacaatg cccgtctgag cccacgtgg caggagcctc 1860
tgggacgggg cacacacagg cccagcctct gtgctgtctc ctctctgtg cgctcagac 1920
tcgggggtgag ggaggcgggc agcctctcgc cagccttccc gtccttcagt tcaacgacat 1980
ctttggagtg tttttgtttt ctcttccaag ggccgtcccg ttgtgttagg aagggtgagt 2040
ggctggttcc aggggtgggc ggtgccagct ccgggggtgga ctgaacagcg gcggctgtcc 2100
ctgtgcatcc tttgattact ctcatgctgc atttactgtt tacatttgtt ttattgtaca 2160
taggtttgta aacattattg cctgagatat ttgtatataa cttgggcttt gtagctttta 2220
tttattcaga acgcatacgg catgttaatg actctgatgg tgtcctctc tgggcagctg 2280
tataggatca tcatgtggtt aaaaaaata cttccctcaa aaaaattctt ttaatgtgga 2340
aacaataaat ttcacagaaa aaaaaaaaaa gggggggccg ttttaaagga tccttggggg 2400
ggcccaagtt taccggggct tgcaaggtaa tagctttttc cttataggga g 2451

```

<210> 3241

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (360)...(926)

<223> similar to gi5478530 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3241

```

gtccggagtt cccgggtcga cagtctccca gaacaattcc caggagctcg gattccaaga 60
gccgcccttg cctcgttta ccttcgctag tcgccctgca gcccgcctt gtccggaggc 120
cccgccctcc atgaatcagc tgatcccgcg gaccactgg gttgccaagc tcgcgccgga 180
tgcggagcgc ggtgctgccg gtggagcttc aggtcttgat agactttctg taaagaagga 240
atgatttggt gatggagtgt tccactgac cgatggactc aaagaagaga agctcaacag 300
aggcagaagg atccaaggaa agaggcctgg tccatatctg gcaggcagga tcctttccca 360
taacaccaga gagattgccg ggctggggag gaaagactgt tttgcaggca gccctcggag 420
tgaaacatgg agttcttctg actgaagatg gtgaggctca cagctttggg actcttccct 480
ggagaagtgg accagtggag atttgtccaa gtagcccat tctagaaaat gccctggttg 540
ggcaatatgt tattactgtg gcaacaggaa gcttccatag tggagcagtg acagacaatg 600
gtgtcgcgta catgtgggga gagaattctg ctggccagtg tgcagtagcc aaccgcagt 660
atgtgccgga accaaatcct gtccgcattg ctgattctga agccagccct ttgttagcag 720
tcaggatttt acaaattggcg tgtggcgagg agcacactct ggcattgtca ataagcaaag 780

```

```

agatttgggc atggcgtacc ggctgtcaat tgggtctcat taccactgcc tttccagggg 840
caaagccaca aattgttgaa catcttgctt ggcgagaggc gctctcaact gcctgtgggg 900
cttccacaat taggccttgt tcaatgcctc ctttccaggt attgaagcag tccccaaaacc 960
atgcaacaat gcactcccct ttgagtacta ttactgacaa aaatcacctg gaatttttgg 1020
accgcgttgg tggcccttag ggggacactg acaaaccttt ggagaaagac atgcggcctt 1080
gtcttagccc ctactggaa ccctcacggc agaaaaaaat tgct 1124

```

```

<210> 3242
<211> 1173
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1174)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (50)...(1023)
<223> similar to gi915208 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3242
tttcgtgggc tctggactct gtatctggaa ctggtggcgt cggcccaggt cggcgggaac 60
cccctgaacc ggaggtacgg cagctggaga gaactggcca aggctctggc cagcaggaac 120
attccagctg tggatccaca cctccagttc taccatcccc agaggctgag cctcgaggac 180
cacgacattg accaaggggt gagcagtaac agcagctact tgaagtggaa caagcctgtc 240
ccctggctct cagagttccg gggccgtgcc aacctgcatg tgtttgaaga ctggtgtggc 300
agctctatcc agcagctcag gaggaacctg catttccac tgtaccccca tattcgca 360
accctgagga agcttgctgt gtccccaaa tggaccaact atggcctccg catctttggc 420
tacctgcacc cctttactga tgggaaaatc cagtttgcca ttgctgcaga tgacaacgcg 480
gagttctggc tgagcctcga tgaccaggtc tcaggcctcc agctgctggc cagtgtgggc 540
aagactggaa aggagtggac cgccccggga gagtttggga aatttcggag ccaaatttcc 600
aagccggtga gcctgtcagc ctcccacagg tactacttcg aggtgctgca caagcagaat 660
gaggagggca ccgaccacgt ggaagttgca tggcgacgga acgaccctgg agccaagttc 720
accatcattg actccctctc cctgtccctc ttcacaaatg agacgttcct acagatggat 780
gaggtggggc acatcccaca gacagcagcc agccacgtgg actcctccaa cgctcttccc 840
agggatgagc agccgcccgc tgacatgctt cggcctgacc cccgggacac cctctatcga 900
gtgcctctga tccccaaagtc gcatctccgc cacgtcctgc ctgactgtcc ctacaaaacc 960
agctatctgg tggatgggct tcctctgcag cgctaccagg gactccgggt tgttcatctg 1020
tcttttgttt accccaatga ctataccgc ctgagccaca tgggagaccc acaataaatg 1080
tttctaccag ggaaaacgcc tacttacaa gaccggtgag agacactgag tnggggcagg 1140
gaaggtgacc ttgcagaggg tctgcgggac cat 1173

```

```

<210> 3243

```

<211> 1308
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1305)...(947)
 <223> similar to gi2707600 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3243
 gtcgacgatt tcgtgtgctg tcaactcatgg gctggatcct cacgccctcc tgccctggca 60
 gcttgctgcc cgccatccct ccatcaaaat caaagctctg atgcatcctt ccgtgggact 120
 gcaggtctct gtagccaatg ggggtgctga gctgggtggag gtttccctcc atctcctggt 180
 actgctgggc agagagcagg ctgcgaactg actctgcgct ccggaactgc atggacgagt 240
 taagagtgcc catgttgctc agcttctcag acacattcat tccagagtct ttgctgaggt 300
 caggcatgga aaatcgggat aggtgctcct ggcgcttggc accaccatca gcagagaggc 360
 ctgttgcatc agacagggcc agggattcca tggagccccg aggggtctgc tctgtgggcg 420
 tcatgtcctc tgtgtatttc agggaaactga tgggatgacg ggtccgacac tgctgagtgg 480
 acaagcccc ttcctcttcc tcttccctccc atatttgggg acttggtatgc tgccctcgggt 540
 ctactgaaa ctctgactag acatatcact gtagctctcc tgagatctca gcctccccgg 600
 gtaatagtct tctcggcatt ccttgatgaa gctgccagca tgcctctgca tggccagtga 660
 cgagctcctt ttgggggttg tgaagtgctt gccccacatt tcgggctggg cccagcccc 720
 ttgccctcct ggactgtagg aagttctgat gttgcaactg ctgaggagct gcagagggct 780
 ctgggtctgg ttctgctcca tcttgctccc ataattgtag ggctcttccc ggctcctcca 840
 gatgggggtcc cgggttgaggc tgggtgtctg gctggacagg ctgagcatgt ccatctgcag 900
 tgacaggggg tctacgtcgg ctgacagccg gttagaactc acttgcagct ggctgtgctg 960
 gttcagcatg ggctcctccg tcttgccctt gttcttgcca attttggcac tgcgccggga 1020
 ctcttgggcc ctggcattct ggaaggcggg atcagaggag tcagaacatc tggggtcttc 1080
 cccagcactg caggccccgt gagcagaata tctggccctg cttcgggagg aatggccgcc 1140
 ccaggaggga tttcttgagc tgagcacagc agaaacaggt ctcagtggca tgccagtgtt 1200
 ggccgtcata ggtcatttga ccttggtcga tacctatatg ttgggcacag gcgtcacaat 1260
 attctgcata ccaggactcg aaacagtggc gacagtaggg gcttctct 1308

<210> 3244
 <211> 1204
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1205)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(645)
 <223> similar to gi643656 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 3244
cccccaactg gaaacgaaac ccttccctct tttgaaaggt tttccccctn atgaaaaagg 60
tgggtgcaaga ggatccctcc tacctcccaa gtccctggac tatgaccgct tcagccgcaa 120
cgaaccccat tgggaagggt gtccatcccc cttaaacaagg tggacctgac ccagatgcag 180
accttctgga aggatctgaa gccatgcagc gatgggagtg ggagccgagg ggagctgctc 240
ttgtctctct gctacaaccc ctctgccaac tccatcatcg tgaacatcat caaagcccgg 300
aacctcaaag ccatgggaca tcggggggcac atcagacccc ttacgtgaag gtatggctga 360
ttgtacaaag gacaagcggg tgggagaaga agaagacggt gacgattgaa gaggaacctg 420
aaccocatgt ttcaatgagt ccttcgcctt cgatatcccc acggagaagc tgagggagac 480
gaccatcatc atcaactgtca tggacaagga caagctcagc cgcaatgacg tcatcggcaa 540
gatctacctg tcctggaaga gcggggccagg ggaggtgaag cactggaagg acatgattgc 600
ccgtccccgg cagcccgtgg ccagctggca ccagctgaag gcctgagtgg ggccaaggga 660
ggcccagggg gccgagggcc caggtcccca tcatgccctc accactttat gcacaacgcc 720
cggcctgagc cccctgccat agggagggga ggacctgag ggctcagcca gggaggggtc 780
ccaggactca actgggcccc gtttctagga agtaccagcc ccatccccca cagtccagct 840
ccggggaagg ggctctggga ggcattttcc tgctttgccc cttttcttcc tgacttacta 900
atactaaaga agttggggga gctcgagagc cagacggcca gacaggcaga cccctccaga 960
ggcccgccca ggtgggcatg gtccccatt ttctttaagg cagcaccctg gagtggagag 1020
aggccactcc ctctccagcc ccgatgtgg acccggggag gggaggctga ggcgtttggc 1080
ccgggcctgg ccaggagagg cccatcccca gggcagtttc aggtgccggc tgggccctga 1140
atgtcgagga taggcatata gcccgttgct gcggcatgga ggtggtgccg ttccacaatc 1200
ggtc 1204

```

```

<210> 3245
<211> 988
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (940)...(636)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3245
gtccgattct cgggagacac gcgtcgttat taacctaaaa gattctgtgt tttgtctata 60
ttgcaaaactc tttggggaag gaaaaaatca actgaaaaat gaaaatgggt gcaaagattg 120
gcaacattta tcacatatcc ttagtaaaca tgaagaaagt gaaatgcaca tcaacaatag 180
tgtaagtac tcaaaattaa aatctgatct gaaaaaaaat aaagctattg atgctgcaga 240
acgcaaatta tatgaaaatg agaaaaatga tgggtgctg ttgtgtaca cgtaatatc 300
ctgagttggt ttttggcatg atgatcagaa tcttacatta ctcaaaaaac atctgtcctg 360
caatagtcag tactattgtg ttgtaagtct cctctacaga gtaacttgca gcagttcctt 420
agcaataagt atgatagcaa ataaatagca aagaatgttt ccattctaaa tctaaaacta 480
attagattca atcatcatta ggcaatgact tcattaggca atgaagatta acaataggta 540
attgttaatc ttcaaaatct atcaatttac acctatttaa aaattggcat ttaatgactg 600
ccatttgatg ggtttgggta atattctggt cttggccggg cgcaatggct cagcctgta 660
atccaagaac tttgggaggc tcaggcgggt agatcaattg aggtcagaag ttcaagacca 720

```

gcctggccaa	cgtggcaaaa	cctcgtcttt	actaaaaata	caaaaattag	ccaggtgtgg	780
tggcacacac	ctgtagtccc	agctactcag	gaggctgagg	caggagaatc	gcttgaaccc	840
aggaggcaga	ggttgacagt	agctgagatt	gcaccactgc	agtccagcct	gagcaacaga	900
gcgagagtca	gtctcaaaag	aaagaaaaat	attatgttct	aattaccttg	aaagaggaaa	960
gaaaggcttg	aattgatcaa	taccagtt				988

<210> 3246
 <211> 1642
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1234)
 <223> similar to gi4405795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3246					
ggaattcaaa	tgtatgagca	gcaggtgggtg	aagctgagtg	aggctgcggc	tttggttggg	60
ctttaggagc	aacgggtgta	tgcgcttcac	ctgagggcgt	acaatgacgc	gctgctcatc	120
catgacaccg	tccgcgccgt	ggatgccttg	gctgcgctgc	aggatttcta	tcacagggag	180
cacgtcacta	aaaccagat	cctgtgtgcc	gagcgccggc	tgctggccct	gttcgatgac	240
cgcaagaatg	agctggccca	cttggcaact	catggcccag	agaatccaaa	actggagatg	300
ctggaaaaga	tccgtgaaaag	gcagttcagt	agctctaaca	gccctcgggg	tatcatcttc	360
acccgcaccc	gccaaagcgc	acactccctc	ctgctctggc	tccagcagca	gcagggcctg	420
cagactgtgg	acatccgggc	ccagctactg	attggggctg	ggaacagcag	ccagagcacc	480
cacatgaccc	agagggacca	gcaagaagtg	atccggaagt	tccaagatgg	aacctgaac	540
cttctggtgg	ccacgagtgt	ggcggaggag	gggctggaca	ttccacattg	caatgtggtg	600
gtgcgttatg	ggctcttgac	caatgaaatc	tccatgggtc	aggccagggg	cgtgcccggg	660
ccgatcagag	tgtatacgcg	tttgtagcaa	ctgaaggtag	ccgggagctg	aagcgggagc	720
tgatcaacga	ggcgctggag	acgctgatgg	agcaggcagt	ggctgctgtg	cagaaaatgg	780
accaggccga	gtaccaggcc	aagatccagg	atctgcagca	ggcagccttg	accaagcggg	840
cggcccaggc	agcccagcgg	gagaaccagc	ggcagcagtt	cccagtggag	cacgtgcagc	900
tactctgcat	caactgcatg	gtggctgtgg	gccatggcag	cgacctgcgg	aaggtggagg	960
gcaccaccca	tgtcaatgtg	aaccccaact	tctcgaacta	ctataatgtc	tccagggatc	1020
ctgtggtcat	caacaaagtc	ttcaaggact	ggaagcctgg	gggtgtcatc	agctgcagga	1080
actgtgggga	ggtctggggg	ctgcagatga	tctacaagtc	agtgaagctg	ccagtgtctc	1140
aagtccgcag	catgctgctg	gagacccttc	aggggaggat	ccaggccaaa	aagtgttccc	1200
gcgtgccctt	ctccgtgcct	gactttgact	tccctgcagca	ttgtgccgag	aacttgtcgg	1260
acctctccct	ggactgacca	cctcattgct	gcagtgcctg	gtttgggctg	tagggggcgg	1320
gagagtctgc	agcagactcc	aggccctccc	ttcctgaatc	atcagctgtg	ggcatcaggc	1380
ccaccagcca	ccaggagtc	ctgggcaccc	ttgttaggc	tcccgaatg	ggaaaacaac	1440
cggaggggcca	gagcttagtc	cagacctacc	ttgtacgcac	atagacattt	tcatatgcac	1500
tgatggaggt	tagggaaact	gaggcaaaag	aatttgccat	actgtactca	gaatcacgac	1560
attccttccc	taccaaggcc	acttctatct	tttgaggctc	ctcataaaaa	tcaatgaaaa	1620
aatgggatag	aaaaaaaaaa	aa				1642

0040375.012100

<210> 3247
 <211> 1789
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1784)...(1123)
 <223> similar to gil050797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3247

tttttttttt	ttggagcatt	ccaaatztat	tcctttttaag	gaaacctata	gccactacat	60
atgtccctga	caattagacc	agaaaccaaa	aaaaggacaa	atagaaatac	tttccattct	120
gtctatatag	tagtagtttt	gggggtatag	atagtaaaca	ctagtcaaga	atactcgtct	180
aaatatgttg	gtaaaatgta	gtcatcattt	ggcatgtgtt	ttgcttttgt	atataatgaa	240
gttgagctat	cccatctttc	ttctctatgg	aatatagtca	cacaaacaaa	aaagatgaat	300
ctcactagag	gtgggtcttt	atcagaaata	tgccccaatc	tagttaggta	atagaaagaa	360
aatcattttc	tcctcctagg	cctaagattc	ttcatgtaaa	aattataaga	ctgaataaag	420
atcacttcta	agttttctata	attcatgtag	atatatcaat	ttatacatca	tgatgtagac	480
agacagcaag	gctatacttt	ctggctccat	gatgctaggc	ttggccacat	gacttgctta	540
aagcacgtat	gatacatgca	tctttttaaga	gaaaaccgaa	gtgtatttca	tctctttctc	600
tctctgctaa	aacaatcaca	atgtcccaaa	agagatccct	tccttcgcct	ttgatcatgg	660
taagaagatg	acacaaagca	gtgtcacagc	caatcaacag	ctgacatccc	ccaccaggaa	720
atacatcttt	gttggtgtca	ctacagcata	aactaatgaa	agctaattaa	atataagaat	780
ttgctaataa	ttgaggatcc	gtacacaatt	aaacttaaaa	ccaaaaaact	ctaatagaaa	840
actcataatt	taaaatgtga	cataagggga	aataagttaa	aaagcaactt	ttaaaaatta	900
caaaaatagt	atgtttagta	aaataaatgg	acttaaacat	gtaatagaat	ttccctgtg	960
atgtctgact	tgaatctttg	aatgactatt	ccaagtaaga	ttcaacattt	ttacagaatt	1020
gttcttcatc	attaagatat	tccaagatta	tatttccacc	attatataaa	ggacaatcct	1080
ccttagcaat	ccaggtttcc	aaagtatgat	ccaagggtaa	ggcttctcct	gaagtaatgt	1140
gacacagcct	taatttctta	gctgtaaatt	tgttattgtc	atttttaagc	ctggctagag	1200
aagcggcaaa	gtctatggcc	tttccaatgc	tccatcggtg	gcaaaagaac	attggtttgc	1260
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taactgccac	aagttctctc	tcagcacagt	ctttgaaaga	gcatgggtaa	gatgtatggt	1620
gatctgtctt	cagtctctca	ttgattacag	tcacctcagg	acaacatga	gactccctgc	1680
ttctgtgttc	aaggcaaaat	attcctgaac	aatcatcaca	cacaaatgga	agaaaaatctc	1740
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<210> 3248
 <211> 2352
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1238)
 <223> similar to gi36603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3248

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gtgcaggagc	atcacccaga	gagcaggag	gacgtgggtg	ttgttctgga	ggatttgcag	180
ctggatcttg	gagaaacagg	acaacagggtg	gacccagacc	agccaaagaa	acaaaaata	240
cttgtggagg	agatggcccc	tctgaaagga	gtacaggaaac	agcaggttcg	gcatgagtgt	300
gaagttacaa	agcctgagaa	agagaagggt	gaggagacaa	ggattgagaa	tgggaagctt	360
attgtagtaa	cagactcttg	tggaagagta	gagtcattctg	ggaaaatatc	tgaacccatg	420
gaggctcata	atgagggtc	taacttggaa	aggcatcagg	ccaagcccaa	agagaagatt	480
gagtataaat	gctcagaacg	tgagcagaga	ttcatccagc	acttggacct	gattgaacat	540
gcgagtacac	acacgggaaa	gaaactctgc	gagtcctgatg	tgtgtcagag	ttccagtctt	600
acaggacata	agaaagtcct	ctcttaggag	agaaagggtca	tccagtgttc	atggagtttt	660
ggggaaagcc	tttcagagga	gttcacacct	cgtcagacat	cagaaaatcc	atcttgggtga	720
gaagccttat	cagtgcgaatg	agtgtggcaa	agtcttttagc	cagaatgcag	gccttttgga	780
acatctcaga	attcatactg	gagagaaacc	ttatctatgt	atccattgtg	gaaaaaattt	840
taggcgcagc	tctcacctta	atcgacatca	gagaattcac	agtcaggagg	agccctgtga	900
gtgcaaggag	tgtggaaaaa	ccttttagtca	ggccttactc	ctcaccacc	atcagagaat	960
ccatagtcac	tccaaaagcc	atcaatgtaa	cgagtgtgga	aaagctttca	gtttgacctc	1020
agaccttatt	cgacaccaca	gaattcatac	tggagaaaaa	cctttcaagt	gtaacatatg	1080
ccagaaagcc	ttccgactaa	actcacacct	tgctcagcat	gtaagaatcc	acaatgaaga	1140
aaaaccctat	cagtgtagt	aatgtggaga	agccttcagg	caaaggtcag	gtctttttca	1200
acatcagaga	tatcacccaca	aagacaaact	ggcttgatga	ggtgttctct	cctttagtaa	1260
catcagagaa	ggcacattga	ctagcaaaca	gcactttagg	aaaagtcacc	gtagcccact	1320
gtggcatcag	aaaattcttg	ggggctgagt	tggaggctcc	ctgcctctat	tctctctcct	1380
ttgctttcct	tgaagtcagc	tttgaccac	aataatttca	ctgtagatga	tatgctagga	1440
tcaaagttaa	acagcattct	tactgcagg	acatctcaga	gcatgtaaca	taactgcatg	1500
attatatact	ctaagcaata	gagagcttca	tgactgagta	agagttttga	agtcagcagt	1560
gaatcaagt	cccacagatt	tgacggctta	agcagaacaa	gggaagattg	atatttttgg	1620
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ctcaaagggtg	tctttaaagt	acagggttaat	ggtgaacatt	ttcccccagt	ggcttcacct	1740
cattcctccc	actggcctta	ccccttcctt	ccccagtggg	agcattttca	aaagcaaaga	1800
taatttttcgc	tgggtgaactt	cagaacttgc	cttcagggtt	agcttcatgt	aattttacca	1860
tttcccatcc	ccattcccca	ccacattatg	tcaagattca	agttataaat	taacgtttta	1920
cttagacttt	gaaagagatt	tcatgagtaa	tttgaatgaa	ccttgctgaa	ttaatctgaa	1980
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tcagtaaatg	tctgatgaaa	gaaattggac	tttttccctt	taatactgat	gatgcaattt	2100
tgaaatgttg	cttgttctg	aatacttcgg	aagttaaaca	ataaagtcag	cttgagagg	2160
agatcatgat	ctttatactg	tgaatagcag	aatgtcacag	atgaagaata	ttaaaattag	2220
gggcgtccac	tccaaaacat	atcaccagag	tgacaacttc	agccctcagc	ctctgcaatc	2280
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acaaaaaaaa	aa					2352

<210> 3249
 <211> 5039
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5040)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5040)...(955)

<223> similar to gi3043708 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3249

agacacagat	tcccaagtcc	gtagttgtaa	atagcggcca	gaggctagta	taataaccacc	60
cccccttagt	aagaagtaat	gcgttgccctg	cacgggtaaa	attggggccc	ccgaagggtc	120
ctttaaaagg	gcccgcctt	ttttttttt	ttcactgtga	aatatttatt	tttgttttgt	180
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	240
ctagctgttc	tagtatttgc	tttttgtaat	ccagttaaga	ccatcagcat	atacaacctc	300
atctctaact	caacaatgta	gctgcagggg	aacatgtgga	tacctgtgt	gctctactgg	360
cctccaaagg	cattcagggg	atcctcaaag	atgttggggc	ccttgtgttc	aaatccttgg	420
tcaggtgcgg	cctgtgcaga	tcggcttttt	ggtttnggtt	ggtcttaagc	ctggatactc	480
agaggagaaa	gatgtcnatc	catatcatca	tcanaatata	gaactcatga	agtataatct	540
ctcaccttct	ttctctttcc	cctgcccagg	ccctaagtta	gggttcccat	ccatataaca	600
aagacttctg	gtcaggtggc	atttgctatc	tctgggattc	cctgcccattg	aaagccacaa	660
agagatttct	tcttttacac	accctgaagc	atattatggc	cccagcaagg	ctaactaaat	720
caaactgtgg	tttaaaaaca	aaacaaacca	accactgtga	aatatttatt	tttgttttgt	780
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	840
ctagctgttc	tagtatttgc	tttttgtaat	ccagttaaga	ccatcagcat	atacaacatc	900
atcactaact	caacaatgta	gctgcagggg	aacatgtgga	tacctgtgt	gctctactgg	960
cctccaaagg	cattcagggg	atcatcaaag	atgttggaca	ccttgtgttc	aaatccttgg	1020
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gagaagatgt	catccatata	atcatcaaat	atagacttgg	cttccacttt	ctttttggac	1140
ttttcctttg	gttttacagt	taagtcagca	aagatatcaa	tgttatcatc	aaataaatta	1200
gattcccaat	gttttctcct	tctctctggg	tttctgagag	ggtttaattg	cttccgtagg	1260
caaaatatat	catccttggt	aagcctcaaa	aatatcggtg	tggtgttaat	atgacatccg	1320
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gaaagagatc	atcatcactg	ctggcctcgc	ctagagcagg	aaacatgggg	ctctttgctt	1500
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catcttcata	atccccaaac	aggctcccaa	cacttggtc	taacagcttg	gttttttttg	2340
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gctcttcac	ctggaagaca	cctgtgctct	tgggggtgggc	atcaggaatc	gcagcccttt	2460
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cctcatcaaa	caagctaaga	acagttttgg	ttcttaggct	tggttccttt	gtcccatggg	2580
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ttccactggt	cctcctcatc	actgctgaac	aacagggcag	atgctttctt	tttgagagc	3120
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tcttctttct	cttcctcagt	gtccacaata	ctgccacgat	cactgcctac	agagccttct	4320
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gcaactgtcca	atacttgtaa	gccatagtcc	acagcctcct	ggacttttagg	aatgagatct	4560
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ggctcctcca	cttcttcac	atatacacga	ttctcaatga	actgggtatt	agagagcata	4680
aggaagtcat	tgaagacatt	atgcaggcga	caatctgtgg	ctttgggtttc	ccgaattagt	4740
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tcctccatcg	accacggccg	ctccacacag	ggctccgacg	ctggcgccag	ctcctggctg	4920
ggggtcgtcc	ggttcatcat	cctagccgcc	cggctcgggtg	ggctccgaag	ctgccagcac	4980
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<210> 3250
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)

<210> 3254
 <211> 1380
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1370)...(9)
 <223> similar to gill196429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3254
 ggaattttatt ggctaattgct accgtaaaaag gtgggtcggac acaatttttga ttcctaaagg 60
 tcctgttaga aagaaaagag agaacatatt tatatttacc tccctcccct ttatacttat 120
 tatatttacc ctcccaaatt gtgattgaac tttgagccat agctaatttc cataatcctg 180
 aatgttcctg tcctatggca ggagatatca tttttggaat aggggtgata atgccaccag 240
 ggctccatat aataggaaca tcagcttccg tctgaatgta ccgtgtatgg ttctctttcc 300
 aatgagtcca tcagcttatt ttataagaag gcccttcagt gcaatttttc ttaaaaaatcc 360
 ccttagggga ccagtcaatg acgattccat aggaattatt ttgtagcacc ccagccttac 420
 ttgctacaca atttcccaa tgccaagcgt ccacaccttc aaaccaaact ctattttggt 480
 tacattcgag tttgtctggt cagaactgct gagtttcagg gctggaatgg ttatatattta 540
 aactttgccc tgaaatcata tataaagtag cctgtgattt attttttcca gggattactg 600
 ccaaccatac ttgtgtgcca atttgtaagc atccagcagc aggtcctagg catattggag 660
 gatattttata tcctattgat atattcattt tcatcccttc ctcattagga tgcacggca 720
 ctctgttatc tatgggctca ggcatcgagg ttctgtcatt gttgtacacc tcaataatag 780
 ggtccatcca actcacagac ctaatttaaag gaggaaatgg gacataagtc caataagtaa 840
 aattttgagt tgcttttaca gtagggaggc ttaccgccac agtaagtacc accatcatag 900
 ccaccattag gttactagtt gtttttgatt tgttctgtgc tctcagattg tcctctgcca 960
 tctgtgccag tttcctgatt tgtcccatg ttggagggtc tgcttggtga gtattcttgg 1020
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 ctccccagag tcctctcttc ctgggtgtggc tcatgataga ccttcagatg tttgggtgggc 1140
 acccacagag gcacctgatt gtcacttgga gagacagaag caaatcctct tccccatgta 1200
 attatttttc ctttttccca actctttgta tgtgcatccc tccactgtat atcttgtctg 1260
 gcatttttat tttccttttg tcctgttaag tgttgttcag ctgctgtcat gggctgatcc 1320
 ttttgtaaaa ttacccctt taatgttgat aaagcgaggt gtagttgtgc tggaaaaaaa 1380

<210> 3255
 <211> 1145
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (685)...(885)
 <223> similar to gi4191265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3255
acattgcggt ggacttctct tccttcgatg ccatcactgt aggttaagaag gtcccaactgg 60
tgctttgctt ctttctctcc ttccatatct cttagtgtct ccagagctgc agtacaagtt 120
gggggggatg actgtaaaag ccagaaatcc caagccacaa gcacgctgca ggtagcaacc 180
ccacacccag caaaacaccg cttcttcctg cccactttcc cctctgcgcc aactgtacac 240
accataccct atgcttgctc atttgggaaa ctggcttcca ggacagcatc tttcctggaa 300
agacagcagg aagctgatgg tcaactcctca actctctctt gtctctgggc agacaggcaa 360
cagcaactgt acatttttaa agggagccat ttctgggagg tggcagctga tggcaacgctc 420
tcagagcccc gtccactgca ggaaagatgg gtcgggctgc cccccaacat tgaggctgctg 480
gcagtgtcat tgaatgatgg agatttctac ttcttcaaag ggggtcagatg ctggagggttc 540
cggggcccca agccagtgtg ggggtctcca cagctgtgcc gggcaggggg cctgccccgc 600
catcctgacg ccgccctctt cttccctcct ctgcgccgcc tcatcctctt caaggggtgcc 660
cgctactacg tgctggcccg agggggactg caagtggagc cctactaccc ccgaagtctg 720
caggactggg gaggcattcc tgaggaggct agcggcgccc tgccgaggcc cgatggctcc 780
atcatcttct tccgagatga ccgctactgg cgctcgacc aggccaaact gcaggcaacc 840
acctcgggcc gctgggccac cgagctgccc tggatgggct gctggcatgc caactcgggg 900
agcgccctgt tctgaaggca cctcctcacc tcagaaactg gtggtgctct cagggcacaaa 960
tcatgttccc ccccccggg gcagaacccc tcttagaagc ctctgagtc ctctgcagaa 1020
gaccgggcag caaagcctcc atctggaagt ctgtctgcca aagttccttg aagaatgcag 1080
cattgtcttt gtctgttccc accacatgga ggtgggggtg ggatcaatct taggaaaaag 1140
caaag 1145

<210> 3256

<211> 2096

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(1048)

<223> similar to gi487783 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3256
tagtccagcg tgggtggaatt ccagaggtga aacctcacgt gtgtgaggag tgtgggcatg 60
gatttatcca gaagtgcgtc ctcaaatac atcggagaac aactcaggg gagaagcctt 120
atgtgtgtgg ggaatgtggg cggggattta gccggaggat agtcctcaat ggacactgga 180
ggacacacac gggagagaag ccttacacgt gctttgagtg tgggcgaaac tttagcctca 240
agtccgctct tagtgtacat cagaggatac actctgggga gaagccttat gcatgcacgg 300
agtgtgggca aggcctttatc acgaaatac agtcatcag acaccagagg acacacacag 360
gagaaaagcc ttatgtctgc ggagagtgtg ggcgaggctt tatagctcag tcaaccctcc 420
actaccaccg gagtacacac tccaaggaaa aaccttatgt gtgcagccag tgtgggcgag 480
gcttttgtga taaatcaact ctctcgcac acgagcagac acattcaggg gagaagcctt 540
atgtgtgtgg ggaatgtggg cggggatttg gccggaagat actcctcaac agacactgga 600
ggacacacac aggagagaaa ccttacgcat gcacgcagtg tgggcgaaac tttagccaca 660

```

agtccactct cagcttacat cagaggatac actcggggga gaagccttat gcatgcgtgg 720
agtgtgggca aagcttttagg agaaagtcac agctcatcat acaccagaag atacactcgg 780
ggaaaaagctt tagaggtgca aggagtggagg atgtgatattt agcaacaagt cagccatcag 840
ccacaccagc ggaaatgctt agggagaagc cttgtttgta aggtaatgtg gacagagctg 900
tacgtggaca tcattacttg tcacgtgtca gaggacacac tcgggagaaa ccttcatgga 960
gtgagagtaa ggtgttggtt ggaagtggcc ccttaagaga tacttggagt caaatctatc 1020
cactgtacgc ccacccact cttgttctaa gagctttggg gacagtcttt tgacccttta 1080
cattccttta gatgtgaaga tgacagagat ctaacttctg agagcagagg tgtcaagtga 1140
cgggccctt ggaggaatgg tctttgcatc tgactacttc cttctgcaac tgtgttcttc 1200
cattagcttc catgacactc tcctgcttta tttttttcta catctctagc ctttgcgtgtt 1260
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atgacaggga tctagcaatg ctgcatcatc agccttccaa taccagggtt aagggtattt 1500
taaacacagc tcctcttaaa tcctccaatc tcagtaccca gtgttttagc catgctcggg 1560
tggtctaaatt acatccagga atggtgccag ggcccttagc catttgtctc tcctcacact 1620
ccagggccca tatggcccag gttctgacag tttgccttac tcccttggcc tggggctagc 1680
cctacctgat accctgtgtc aatgagtgtc ccttgagag ctatccactc agggcccagt 1740
gcctctatatt gctaaggagc tctgccacag aaaagaagg gagagatgtt catgtaacct 1800
caaaatactt aggcttggtt ttgatgctag agaggaaaaa ggacttggag agagagaagg 1860
aatggctggt ccagaggctt ttgtccactc cctctcactg gaagtgggtg atctccaggg 1920
aatccccaag gttagcctgc ttaggggaag ggctaggggt acctggaatg taggatctcc 1980
cccatgcctg gcctaccacc ctaatgtgtc cggaattggt gggttcttgg tcttgctgac 2040
ttcaagaatg aagccgtgga ccctcacggt gagtgttaca attcttaaaa aaaaaa 2096

```

```

<210> 3257
<211> 1142
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1142)
<223> similar to gi5441615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3257
attcacatct tattcagcat caaagaattc acacatgaga gtaagcacat gaatgtaatg 60
aatgtggaaa agctttcagt caaacctcat gccttattca gcatcacaaa atgcatagga 120
aagagaaatc gtatgaatgt aatgagtatg agggcagttt cagtcatagc tcagatctta 180
tcctgcaaca agaagtcctc accagacaga aagcctttga ttgtgatgta tgggaaaaga 240
actccagtcg gagagcacat ctagttcaac atcagagcat tcataccaaa gagaactcat 300
gaatgtaatg aagatgggaa gatattttatc aaattcaggc ttcatcagc atctgagagt 360
tcacaccagg gagaaatcat gtatgtactg catgtggtaa agccttcagt catagctcag 420
ccattgctca gcatcagata attcacacca gagagaaacc ctctgaatgt gacgaatgaa 480
gaaaagggtat tagtggttaa ctcttaaatcg actcctgcaa atctatacca gtgagaaatc 540
ttacaaatgt attgaatgtg gcaaattttt catgctatta gtattttcat accttagtca 600
catttggaga attcacatgg gaataaaaatt ccattgctgc aatgaatgtg aaaaagccat 660
cagtcaaaga aactaccttg ttagtatca aattcacgcc atgcaaaaag attataaatg 720
taataagcat gtatgtgtgt gaggagattc agtcataacc caacgctcat tcaacatcaa 780

```

```

agaatttata cctaagagaa cttatttggg tgtagtaaat ggcagatctt tcaataggag      840
tttaactagt ctttgtcata tcagaatatc catagtagac aagaatttga tgtaacgcaa      900
atggaaaaac tcgacaccac atttcaggct ttacccaaca tcgaaataat ggagagaaaa      960
ttgttgatta tttgtttatg aaattgttaa tacatagtcc caatcttttt cattgcacaa     1020
aaatctaggg ttgacttggt aaatgcagtg acattttctc atggagtcc tttatttaaat     1080
atgtattcta agtaggtacg tttattttta cttttttatt ataattttga tattaataaag     1140
aa                                                    1142

```

```

<210> 3258
<211> 1199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(545)
<223> similar to gill184790 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3258
ttcagtgtgg cggaattccc atcgtggagt tccacatgac gactgaggcc caagccacca      60
tccgcatgga caccagtgca agtggcccca cccgcctggg cctcagtgc tgtgccacca     120
gccatgggag cctgcgcac caactgctgc ataagctctc cttcctgggtg aacgccttag     180
ctaagcaggt catgaacctc ctagtgccat ccctgcccaa tctagtgaaa aaccagctgt     240
gtcccgtgat cgaggcttcc ttcaatggca tgtatgcaga cctcctgcag ctggtgaagg     300
tgcccatttc cctcagcatt gaccgtctgg agtttgacct tctgtatcct gccatcaagg     360
gtgacaccat tcagctctac ctggggggcca agttgttggg ctcacaggga aaggtgacca     420
agtggttcaa taactctgca gcttccctga caatgcccac cctggacaac atcccgttca     480
gcctcatcgt gagtcaggac gtggtgaaag ctgcagtggc tgctgtgctc tctccagaag     540
aattcatggg cctgttggac tctgtgcttc ctgagagtgc ccatcggtctg aagtcaagca     600
tcgggctgat caatgaaaag gctgcagata agctgggata taccagatc gtgaagatcc     660
taactcagga cactcccgag tttttttata gaccaaggcc atgccaagggt ggcccaactg     720
atcgtgctgg aagtgtttcc ctccagtga gcccctccgcc ctttgttcac cctgggcac     780
gaagccagct cggaagctca gttttacacc aaaggtgacc aacttatact caacttgaat     840
aacatcagct ctgatcggat ccagctgatg aactctggga ttggctgggtt ccaacctgat     900
gttctgaaaa acatcatcac tgagatcatc cactccatcc tgctgccgaa ccagaatggc     960
aaattaagat ctgggggtccc agtgtcattg gtgaaggcct tgggattcga ggcagctgag    1020
tcctcactga ccaaggatgc ctttgtgctt actccagcct ctttgtggaa acccacctct    1080
cctgtctccc agtgaagact tggatggcag ccatacaggga aggctgggtc ccagctggga    1140
gtatgggtgt gagctctata gaccatccct ctctgcaatc aataaacact tgctgaaa     1199

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```

<210> 3259
<211> 3596
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (3381)...(2440)
 <223> similar to gi535518 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3259

gttcagcgtt	gtagaggcta	ctagatttcc	tcaacttgtg	ggtgcatgat	ccaatctctg	60
cctctgtgat	caccttgccct	cctcctcttc	tcctcttctg	tatgggtctc	ctcctctgga	120
ggaagagtgt	caggcctctg	agcccaagct	aagccatcgt	atcccctgtg	acctgcacgt	180
acacatccag	atggccagtt	cctgccttaa	ctgatgacat	tatcttgtga	aatgccttct	240
cctggctcat	cctggctcag	aagctccctt	actgagcacc	ttgtgacccc	cactcctgcc	300
tgccagagaa	ccccctttt	tcctttacct	acccaactcc	tataaaacgg	ccccaccct	360
atgtcccttc	gctgactctc	ttttcggact	cagcccgccct	gcacccagggt	gaaataaaca	420
gctttattgc	tcacacaaag	cctgttttgt	ggtctcttca	cacggacgca	cgtgaaattt	480
ggtgccgcgc	atgaaatttg	gtgccgtgac	tcggatcggg	ggacctccct	tgggagatca	540
atcccctgtc	ctcctgctct	ttgctccgtg	agaaacatcc	acctacgacc	tcaggtcctc	600
agaccgacca	gcccagaaga	catctcacca	atttcaaata	cggagcttgc	tacatgtgcc	660
ggaaatctgg	ccactggggc	aaggaatgcc	cgcagcccg	gattcctcct	aagccgcgtc	720
ccatctgtgt	gggaccccc	tgaaaatcgg	actgttcaac	tcacctggca	gccactccca	780
gagcccttgg	aactctggcc	caaggctctc	tgactgactc	cttcccagat	cttctcggct	840
tagcggctga	agactgacac	tgcccgatcg	cctcgggaag	cccctagacc	atcacggacg	900
ccgagcttcg	ggtaactctc	acagtggag	gtaagcccg	ccccttctta	atcaatacag	960
aggctactca	ctccacatta	ccttcttttc	aagggcctct	ttcccttgcc	tccataactg	1020
ttgtgggtat	tgacggtcag	gcttctaaac	ctcttaaaac	tcccactc	tgggtgccaac	1080
ttagacaata	ctcttttaag	cactcctttt	tagttatccc	cacctgccc	gttcccttat	1140
taggtgaga	cactttaact	aaattatctg	cttccctgac	tattcctgga	ctacagctat	1200
atctcattgc	cgcccttctt	cccaatccaa	agcctccttt	gcgtcctcct	cttgtattcc	1260
cccaccttaa	cccacaagta	taagatacct	ctactccctc	cttggtgacc	gatcatgcac	1320
cccttaccat	ctcattaaaa	cctaatacacc	cttaccocac	tcaacgcca	tatcccatcc	1380
cacagcatgc	tttaaaaaaga	ttaaagcctg	ttatcactcg	cctgctacag	catggccttt	1440
taaagcctat	aaactctcct	taaaattccc	ccattttacc	tgtcctaaaa	ccagacaagc	1500
cttacaagtt	agttcaggat	ctgcgcctta	tcaaccaa	tgttttgcc	atacacccca	1560
tgggtgcaaa	cccatatact	ctcctatcct	caatacctcc	ctccacaacc	cattattctg	1620
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tgctgcaaag	cttcacagac	agccccatt	acttcagtca	agcccaaatt	tcatectcat	1800
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cactgcttta	atacttttag	aggccctcaa	aatcacaaac	tatgctcaac	tcactctcta	2100
cagttctcat	aacttccaaa	atctattttt	ttcctcatac	ctgacgcata	tactttctgc	2160
ttcccagctc	cttcagctgt	actcactctt	tgttgagtct	cccacaatta	ccgttggttc	2220
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accagcaaag	gcaggctatg	ctatagtaca	agccactagc	ccgcctctta	gaacctctca	2460
tttccctttc	atcgtggaaa	tctatcctca	aggaaataac	ttctcagtgt	tccatctgct	2520
attctactac	tcctcaagga	ttattcaggc	cccttccctt	ccccacacat	caagctccag	2580
gatttgcccc	caccagggga	ctggcaaatt	agctttacct	caacaatgcc	ctgagggtcag	2640
gaaactaaaa	tacctcttag	tctaaataga	cactttcact	ggataggtag	aggcctttcc	2700
tgcagggtct	gagaaggcca	ccgcagtcac	ttcttccatt	ctgtcagaca	taattcctca	2760
gttttagcctt	cccacctcaa	tacagtctga	taacagacga	gcctttatta	gtcaaatacag	2820

0046075.01100


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agcaaagctg acctggagcc ctcagggagc aaaacatcat ctccacctga ctcctagcca 1380
ctgctttctc ctctgtgcca tccactccca ccaccagggt gttttggcct gaggagcagc 1440
cctgcctgct gctcttcccc caccatttgg atcacaggaa gtggaggagc cagagggtgcc 1500
tttgtggagg acagcagtgg ctgctgggag agggctgtgg aggaaggagc ttctcggagc 1560
cccctctcag ccttacctgg gccctcctc tagagaagag ctcaactctc tcccaacctc 1620
accatggaaa gaaaataatt atgaatgcca ctgaggcact gaggccctac ctcatgccaa 1680
acaaagggtt caaggctggg tctagcgagg atgctgaagg aaggagggtg tgagaccgta 1740
ggtcaaaaag accatcctcg tactgttgct actatgagct taagaaaatt gataccataa 1800
aatggtaaag acttgagttc tgtgagatca ttccccggag caccattttt agggggagcac 1860
ctggagagat ggcaagaatt tcctgagtta ggcagggatc aggcatcatc tgacactcag 1920
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```

```

<210> 3262
<211> 1824
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1827)...(319)
<223> similar to gi854124 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3262
tttttttttt ttaaaaggta atagggtgttt attaaaaact ttttcaccca gaggcagtta 60
acatttataa cttaaaaccc agcccactac aaaaagggat gggagcaata aaaactgtgc 120
aacattgacc aaaggacca aacagacgag gcccggaag ggcagccca ggggactggg 180
gtctctctc tcccgaggcc cagagcagct gcattgtgga agccgggatg ccccagccc 240
ctggcggggc cctgtgcacc gggcctctcc ggctggggca gggacccccg aaaggccatc 300
agtagtagtg tgtgctcatc gcgcagcctg gacgctcagc cactcactct gctccgccat 360
tgctgaggct gcacccacg gcggctcgat gtgaacgcca gttgccgctc ccgcggtctc 420
cctccagtgt gctctggatt tccttcagga ctctctcatc actgagcaga gcgcgctcca 480
tcaccaggcc gggctgcttc tcctcgccat cactctgagt ccctgagttc ctggctcggc 540
tcggggcctt cttggggccc gcaccgttac caggcggtg gttcttggtt tctgctgaat 600
ccaccagaca ccggggctcc accagccact tgggtggagag agagaagcgc tcaaactccg 660
agggtagat caggtagaag ccttgccat atttggtgaa gacgcaggag gcgatgccac 720
tgacgtcctc ccggcggatg cagctgtagc gcacctgggg cttgagcagg ggcagcgaga 780
ccacctggat gtcgcccagg ttggtaaagga ctgccagggt gtgctccccg tagtcctcgg 840
ctcgacgact gccgaagtgg gccacgctga ccgcgcgcac tcttgagccc tccagggccg 900
tcagcttcaa cttcagcttg gcaactcact tgggcagcgt gaacaccttg aactgctcct 960
ctgatacgac gagcagctgg ttgcttccct gcatgtcagg gctcttcgac agatcatggg 1020
ccacttcgag gggctcggga aggggtacgc tgtgtccgtc gagcaccagg atgccacca 1080
ccggcgcccc gtgcatcagc tggatctcct tggcctgctc tgcccgcaca ggctcatcca 1140
ttctccgctc ggcgggaggc acacgcaggg agaaggcata gatggtgcc ccattggtgc 1200
cagccacag cgaggggcag tgccgggagc tgtccttcag gtaggtgtca gcaaagtaca 1260
gggtccggac gaagcctgtg aaggagtct ctgccgagcg agcctcgatc ttgcgctgca 1320
caggcgccag ctccatgttc tggaggcctg gccgctcagc cttggcactc ccctcctgtg 1380
cctcaggcct cactctcct ggggggccag ctgggtgccg cttccggctg gacacccggc 1440
tccgacgcat ccggcggaat gactgacgca aggacttctt gagggacttg acgcgggaga 1500
gtggggccctc caaggccagc tgggtctctgg ggtgcagtgt gcacttaaca aagacctgcc 1560

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gccgctgctg gtggtcaaag aggccaaagc catggctggt gccgaaggcc acgagccgcc 1620
actcagagtg cagggccaag gaggtgacca cagccggggg ctgacactgc accaacacga 1680
agggctgaaa gccaggctca aagcgcacgg gccctgagcg ggctgccagg cgctcgtgcc 1740
ccttccagcg gtagccctct tgggtcaaaaa gcaggtaagc ctccacctgc tccacagcca 1800
gctccgctgc ctcgtcattc agtt                                     1824

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```

<210> 3263
<211> 1299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (302)...(1272)
<223> similar to gi5917666 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3263
ctgtggtgga attcgtacct ctgagtgtcc tctaggatct cagctggtgc ctaacaatga 60
cctcttttaga ctcagctcat ttctactgct acatcttcaa gccattctcc tgccctcttg 120
caacctctag tggcccagct tctgacctac agcagcctct ccatgcatgc ctagctcctg 180
cctcttttagg gaacttacag gcctaaaact ttcttaattt gggcttctca ggcccagctc 240
ctgccttctg ttggcctcta caggcctggc atcatccttt caacagcctc tttaggcccg 300
gcctctccag gaacaaaaa tctttaagtc aacctcacca ggcccggctc ctgtctcctt 360
gcggcctcca gaggcgagc ttttgctgc caatggcctc tctagcccca gcttttgct 420
gccaatggcc tctctagccc cagcttctgc ctttcatcgg tctctccagg cttagctcct 480
ttctcttcac ggccctctga ggccataaac ttctcaatt tggcatctcc aggccagct 540
cctgcctcca ggccgctct gcaggcctat ctcaagcctt acaacagcct ctttaccccc 600
agctcctttc tccgacttgt ctctccaggc ctagaacttc ctcatgttta cctcaccagg 660
cccacctcct gccttccagt agcgtctaca agtttggtc ctgcctccca tggatctctc 720
caggcccca aactttctca gtcaacctca ccaggcccgg cttctccctt tcatcagcct 780
tccaaaggcc agcttttgct tcatgtctgc cttccgagtc ccagctcctg ttttatggca 840
gcctcctgag gccagctcc tgctcctag tggcctcttt tggcccaact ctttccctac 900
cagggccttc cagaccagt tctgccttt tagcagccac tacaggcca gctttgcgtc 960
ctttcaagag tctgcctca cagtggcctc ccaagggcaa ctttctgcct catgtcagcc 1020
tcttggtgcc tggctctgct tctggtaga ctctgcagc cctgctcctg ccttacgttg 1080
ccccctttat aaagatccag ttctgcctc ctggctgcct ctatgagccc aaatcctgcc 1140
taacaacaac ctgtttttgc ccagctcctg cttcctggca gcctccttag gccaaaaatt 1200
tccttcagtt gacctctcca ggccatcct cctgcctctc agcaccctct ttaggccag 1260
ctcctgcctt aataaatttg aataaattat tgttatgtg                                     1299

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```

<210> 3264
<211> 2188
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (74)...(2141)
 <223> similar to gil015321 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3264

gtacagtgcg	gtggaattcg	ctgaccatga	gccgctgggg	gttcatgtct	gggctctgaa	60
ccccttttagg	ctggttcttc	gtcggatcct	gcgtcgagct	gtgcgtttct	tcatggagat	120
cttaaaggca	ccacctggct	tcctaggcag	cctgggtacct	gtagtggtgg	agacactggg	180
agatgcttat	ccagaactgc	aaagggaactc	agcccagatc	gccaacctgg	tgtcagagga	240
cgaggcagcc	ttcctggcct	ccctggagcg	gggtaggcgg	atcattgatc	ggactctgag	300
gaccttgggg	ccttcagata	tgttccctgc	tgaagtggcc	tggtccttgt	caactgtgtg	360
agacctggga	ctcccccttg	acatggtaga	gctgatgctg	gaggagaaaag	gggtccagct	420
agactccgct	ggactggagc	ggttggccca	agaggaggcc	cagcaccggg	cacggcaggc	480
tgagccagtt	cagaagcagg	gattgtggct	tgatgtccat	gcgcttgggg	agctgcagcg	540
ccaaggagtg	cccccaactg	acgacagccc	caagtacaac	tactccctgc	gaccagcggg	600
aagttatgag	ttcggcacct	gtgaggccca	ggtgttgcaa	ctgtatacag	aggacgggac	660
agcagtggcc	tccgtgggga	aaggccagcg	ctgtggcctc	ctcttgga	ggaccaactt	720
ctacgcagaa	cagggggggc	aggcttcaga	ccgtggctac	ctgggtgcggg	cagggcaaga	780
ggacgtgctg	ttcccagtag	cccgggcccc	ggtctgtgga	ggtttcatcc	tgcagaggc	840
agtagccctt	gagtgcctgc	ggttaggggg	ccagggtgag	ctgcatgtgg	atgaggcctg	900
gcgtctaggc	tgcagggcga	agcatacggc	cacccacctg	ctgaactggg	caactgaggc	960
gaccttgggc	cctggcacag	agcagcaggg	ctcccatctc	aatcctgagc	agctgcgctt	1020
ggatgtgacc	acccagaccc	cattgacccc	agagcagctc	cgggcagtgg	agaacactgt	1080
gcaggaggcc	gtggggcagg	atgaggctgt	gtacatggag	gagggtgccc	tggcgctcac	1140
tgcccaggtc	cctggcctgc	gctctctgga	tgagggttat	ccagaccctg	tgcgggtggt	1200
atcagtgggg	gtgcccgtgg	cccatgcatt	ggacccagcc	tcccaagccg	caactgcagc	1260
ctctgtggag	ctatgctgtg	ggacgtgagt	caactccttg	tgctgcctgg	cccaggggac	1320
ccggatcctt	gcccttccct	tgggtctttg	agccatcagc	ccttaatggg	agatgcacgc	1380
tggcttctcc	cttctctact	gtcatgcccc	gactttctgt	tcaactcctc	ctccacagg	1440
cacctgttac	gtactggggc	tgtaggggac	ctgggttatca	tcgggggaccg	ccagctttcc	1500
aagggcacta	cccgctgct	ggccgtcact	ggggagcagg	cccagcaggc	ccgagagcta	1560
ggccagagcc	tggcccagga	agtgaagcgg	gccactgagc	ggctgagtct	ggggagccgg	1620
gatgtggcgg	aggcactgag	gctgtccaag	gacataggac	gactcattga	agctgtggaa	1680
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cggcgtgcca	acactgccat	ccgtaagctg	caaattgggac	aggctgcaaa	aaaaactcag	1800
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gccatgcccc	ccttcacagc	agaggcctgg	gcactggcag	tgtgcagcca	catggggggc	2040
aaggcgtggg	gctcgcgagt	ggtggcccaa	ggcaccggaa	gcactactga	cctggaagct	2100
gccctcagta	tagcccaaac	ctatgcctc	agccagctct	gacccaggtc	cggccaggga	2160
cccacatgga	ctaaatgtaa	ttaaaagg				2188

<210> 3265
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (934)...(356)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3265

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ccaggggcta	gagtataatg	gtgcgatctg	ggctcaccgc	aacctccacc	acctgggttc	180
aagcaattct	gcctcggccg	ctcgagtagc	tgggattaca	ggcatgtacc	accacacccg	240
gctaattttg	tattttttatt	agagacgggg	tttctccatg	ctggtcaggc	tggcctcagg	300
tgaccacact	gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	acacctggcc	360
taaaaatcat	ttaatttttt	atgcttgcc	agttataagg	tcaaagagaa	tcaaattgact	420
gatgcagtca	gcacctaaca	acctctgtat	atgggaagg	ggtaatgaga	acatactatt	480
tggaaataat	aacagcctaa	gagccaagt	ctgaagttac	atttctgcct	accacagcta	540
aagctctcct	cactgtctcc	taccagtc	tcctttccat	caattaccag	tctcttgat	600
aaatgtatcc	attaccaggc	tcacagactg	ggagtgattt	ttctcctttg	gagctcgtcc	660
agaatccatc	agcctcacac	acatattttac	ctgcaaata	ttggaaaagc	aaaaatgttt	720
aactgcatgt	ataagatggt	tgtcatttgc	ttgaataccc	ccttgaaaaa	tgttgattct	780
tgagcatcag	tgggacatag	aggtgtctga	agaaccattt	tacatgattt	cataaatagg	840
aggtctctgc	attaccatgt	ttgcttgcaa	agtggaaacc	ttttagatgt	gtaacttgaa	900
tgtatcaaga	tctcaagtgc	ttaatgataa	ggtgttgact	tgttaaatta	aaccatttgg	960
aatacaaaaa	aaaaa					975

<210> 3266
 <211> 1334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(878)
 <223> similar to gi219867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3266

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atcagcaacc	tgcctcccg	cgtggactac	tacctcctcc	atgagacctg	gcgctttggg	120
gctgctgcct	gcaaagtcaa	cctcttcctg	ctgtccacca	accgcacggg	cagcggtgtc	180
ttcctcacag	ccatcgcact	caaccgctac	ctgaagggtg	tgcagcccca	ccacgtgctg	240
agccgtgctt	ccgtgggggc	agctgcccg	gtggccggg	gactctgggt	gggcatcctg	300
ctcctcaacg	ggcacctgct	cctgagcacc	ttctccggcc	cctcctgcct	cagctacagg	360
gtgggacga	agccctcggc	ctcgctccgc	tggcaccagg	cactgtacct	gctggagtgc	420
ttcctgccac	tggcgctcat	cctctttgct	attgtgagca	ttgggctcac	catccggaac	480
cgtgggtctg	gcgggcaggc	aggcccgag	agggccatgc	gtgtgctggc	catgggtggtg	540
gccgtctaca	ccatctgctt	cttgcccagc	atcatctttg	gcattggcttc	catgggtggct	600

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ttctggctgt cgcctgccg atccctggac ctctgcacac agctcttcca tggctccctg 660
gccttcacct acctcaacag tgtcctggac cccgtgctct actgcttctc tagccccaac 720
ttcctccacc agagccgggc cttgctgggc ctcacgcggg gccggcaggg cccagtgagc 780
gacgagagct cctaccaacc ctccaggcag tggcgctacc gggaggcctc taggaaggcg 840
gaggccatag ggaagctgaa agtgacgggc gaggtctctc tggaaaagga aggtcctctc 900
cagggctgag ggccagctgc agggctgcag cgctgtgggg gtaagggctg ccgcgctctg 960
gcctggaggg acaaggccag cacacggtgc ctcaaccaac tggacaaggg atggcggcag 1020
accaggggcc aggccaaaag actggcagga ctcaggtggg tggcagggag agaaacccac 1080
ctaggcctct cagtgtgtcc aggatggcat tcccagaatg caggggagag caggatgccg 1140
ggtggaggag acaggcaagg tgccgttggc acaccagctc agacaggggc ctgcgcagct 1200
gcaggggaca gacgccaatc actgtcacag cagagtcacc ttagaaattg gacagctgca 1260
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tatttgcaag acca 1334

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<210> 3267
<211> 3262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3236)...(2843)
<223> similar to gi3219569 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3267
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ctgacttata aaaaaagtga catttgGCCa ggacgggtgg ctcagcctca cctaattggtt 180
tcttagcaaa cttcagtaga atgttttagaa cgcgGCCctg ataaacttga gtgctggtag 240
gaggtgctac ctgcctcaat ctgtgagcaa ccagccctgt gccctggatg cttggcgggt 300
ggagagaaag acagtgttat gtgggcaagc ctccaactca ccagttgcag tagagcatct 360
ggctctctgt ctgctgctat agccctgtga gtcagccaga cgtgtggtcc ccaagccagc 420
tccccacctt gcacctttgt tctgctacag cccccccacc tgccctcttg cattgcctag 480
gatccacgc cccgctttca gtctgctctg ggacatctgt cttcttcttt gcaggggact 540
aagtatatga cttaatgaat ctaaaaagga aaaaaagatg tcaggaaaaa aaagtgcaca 600
caagaaatgt tgcaacatct catccttagc aactttgttt ggtagtact gcataactca 660
cagcagattc caaggcacct gccttgaaca ttgctacatg ctctaggcat tatcagggaac 720
gcagccaggg tgcctgcaaa gttgtctcca gtttctgggt aagaggacca tcatccatat 780
tgtctgtggc tttgtgtctg agttgggcta ctgagcctgt gacttcagac cccttgctctg 840
cctgatggat acattctgta taatacgtta ccatacaaat ttcatgaatg taactaatga 900
agatctagcc cttccgtgcc gcctgctgaa ctatgtcacc tgtggataat aaaacctcta 960
cacataggca ttttatacaa aggcaagtca aacagcaatg gtagtggcaa gtgatgtatt 1020
tggcttaaag aagcttgtgt tactgaagtt aacgcagaag tctggcctcc gtttgtggga 1080
ttattaaata tatacctac gggatcagag tcatctatta gaaacagtga tagccctggg 1140
tataaataaa ctttcttta gagtttgGcg tcagtttttc aatgtccatc ctcaaatacag 1200
acagtctgtt tgaggggtca gttttcaggg tgcacttgca ccgagaggct tgaggcagca 1260
atgacccttg ggctgcagtt cggttgcagg cgctggtggc gggcagtgca ggttggaggg 1320
tggagatggg ccaaggtcac agatgctgca gggcttctct tccttgctct gtgtaaccgt 1380
catcgcggtg ggtgtttgcc cactgtccaa aggactcctg gatgtgcacg tttctctgtg 1440

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tggtggccag	gcgcttctta	tctcgggaga	agaagctaaa	cagtcgcttg	atgcccgact	1500
ccggctgggg	ggacgtcctc	gggtgggcga	tgggtggggg	ttgggggtatt	cggttttcct	1560
cttccatttc	ttcactctta	tagtaagcca	gctcctcctg	cagcaagaac	accttggact	1620
tgagctcggt	cctctcgtgc	agcacgtccc	gcagctcctg	caggggtgaac	cgggggcggt	1680
tggggtcctt	gagatccatg	gccaccttct	ctgcgtcgga	gatgctctcc	tctcccaccg	1740
gctccgtctc	aggtcctcct	tccccattct	ggctgtgctc	cccctgcagc	ctctctcgca	1800
acttccccag	ctctgctcgc	aggtcgccca	tctcctgctc	cttgggtctgc	aggtctgcct	1860
ccagctccac	cttctgttcg	atcagggtct	tcccctgggc	ctccaccacc	gtgacccggt	1920
gccgaagggt	atggttgatc	ttcatcagcc	gtgtctgctg	ctgctgtaaa	gcctcaacgt	1980
cctcattttt	caggcccagc	tccctgtcct	tggcgcggt	ctcgtcgcgt	tgtttgtcca	2040
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cgtggcccac	aagcgacgcg	atgtcgtaca	cgtccatgac	ggtcagctcg	gccacgttct	3240
tgtccagcgc	cgggaattcca	cc				3262

<210> 3268

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1568)...(248)

<223> similar to gi217730 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3268

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ctgtgtttct	gagtccttga	ggaccacgag	ctaacaggag	ctgggtctgta	ggttgctctc	180
cgtaagcagt	gatgcaatgg	acgagggatc	gtagacactg	tcgaattcct	catctgagct	240
cagcccttcg	tttttgagag	ctgactcagc	agctgagcgg	gaagctttgc	gccaggagtc	300
cttctccaga	gacttgatcc	gggcctggag	ctgttcattg	acctcatgct	gctcctccac	360

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ctcacgctgg gccttcttcc tcaggccgtc cagtcgctca atttctcttt ctgcttcattc 420
cacctgacgc ttcaaagcct tcaccctcag gcttagctgg tctttctggg cattgacatg 480
ctgccgctcg tcttcaatct ggatggatag ttctttaact ttccgctcca gttttcgatt 540
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caaccgggtc ttcaggctcct tgttctgtct ctccaaggag attttgtcac actccaggctc 720
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atccaccaga cctcgagtct ctttcagctg ctgctccaaa cccaggatgc gccggcggaa 1560
ttcgtcattt tcctcctggg tctcccgaa cgtcgtctcc actgcggccc 1610
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<210> 3269

<211> 2841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1598)

<223> similar to gi306712 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3269

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gggcttctca gcgggtcaag tgccagtacc tggatctcat caaaaaggga ccccagcaag 180
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tgagggggccc ctcaacgagt tcgccttctc gcccgatggc cggcacctgg cctgtgtgag 480
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caaggcgggc	ggcccgggtg	tggcggcaga	gcctggcaca	ccattcagca	ttggccgctt	1140
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tgttttctca	gcggtctgt	ccccttcgga	ggagatgatg	tagaggacct	gtgtgtgtac	2160
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<210> 3270

<211> 2443

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (323)...(1840)

<223> similar to gi3327222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3270

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cccaggtttg	tcatctccca	ggcatctcag	aaccagtatc	ctcttgagaa	gcattcaagg	180
aaaaagtcca	gaaagtgcgc	tgtcagacca	cgtaactaag	agtttcatca	agctcttaga	240
gatcgctcct	gcaggggcca	ctgctgtgct	tttctgaaac	atccatttat	taacagagcc	300

ccactat	tttt	aacatgt	tcc	aggccctag	c	acaaaacaca	gatcttaaag	aacgcttacg	360
cagaatccat	gccgag	tctc	tgctcctcga	ctcccccgct	gtcgccaagt	cgggtgacaa	420		
tctggcagag	gaaaactcca	gagatggaaa	accgagctct	agttcatcag	ctttctaagt	480			
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aagttctgtt	atctccaagc	tcttcagaaa	acgagatttc	tgatgatgac	tcatatgtca	600			
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agaacacctt	gacatttttt	tttatatata	aactatttaa	taaaaatgaa	agattgaatg	2100			
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ccaattaaat	ttatgcctta	taaaattatg	ttgtagaaaa	aaaatcaacc	tctcccaggt	2220			
gcattaagaa	ataagaattc	ccagggttac	tcacccatgc	gtaagctacc	caagtttaat	2280			
ttggtagctg	aaatatcttt	ttgcctcaga	cagctcttga	attgctcata	cagaacaatt	2340			
ctgctggtgc	tgaggtctga	agaatat	ttt	gcatt	ttagtggta	gggagaggat	2400		
ataagattaa	tggaatgtat	at	tttt	tatat	aagacgtata	cgg	2443		

<210> 3271

<211> 3639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3271

tttttttttt	ttgagacaga	gtcttgctat	gttgcccagg	caggtcttga	gtcctctgggc	60
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ttaggggatc	ctccccgcctc	agcctcccaa	gtagttggga	ctacaggcac	acactactac	120
tcttggtttg	cctatttttta	aatcaggttg	tttgttttct	tattattgtg	ttctctacac	180
tgtaggatat	tctacctttc	ctagaatttc	atgtaaattg	actcagacat	actgtttgtg	240
ctggcctctt	ttgttcagtg	taatgttttt	gagcttcac	cttgcatgtt	atgtgtatca	300
gtgattgatt	caattttttat	tgctgcatag	tattggattg	tatagctata	ccacaatttg	360
tttattcatt	ctcctgttga	tggaaatattg	gttgtttcca	gtattttagct	attattattt	420
tatttttttt	ttttgagacg	gagtcctcgct	ctgtcgccca	ggctggagtg	cagtggcggg	480
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aagggaaaagg	agcttctaga	ctacaaacac	tgagcacata	catcttaaat	taacacatga	1380
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cctgggggtcc	atgccttttt	cagaggcaca	atctatagct	tggaacttaa	ttgctgtcca	1500
tggtatctgg	cctttaatta	taagaaaattg	ttgacacccc	aatacagggg	gcatctaaat	1560
acataatgca	agaaaggagg	tttttagtgg	taaacttcgg	cacgcttaaa	gatttttagga	1620
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gaattcatta	taataagaag	tccatgaaca	tacacacact	atccttgaat	agttttacat	2040
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gaacttaaca	tttagtaaat	gggccaggcg	cgggtggctca	cgctgtgaat	cccagcactt	2580
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cgactggcca	gaacttttaa	tttcagacta	atccatgata	aaaatctaga	tgataaaaaa	3180
caaaaataaa	attaacaaaa	tagataactc	gatatacctt	ccatattcag	tcgtctacta	3240
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attagctggg	catggtggcg	ggcgccgtga	gtcccagcta	ctcaggaggc	tgagacagga	3480

gaatggcgtg	aaccaggag	gtggagcttg	caatgagcgg	agatcgcgcc	actgcactcc	3540
agcctgggcg	acagagcaag	actctgtctc	aaaaaaaaaa	acaaaccaa	ccacccaaaa	3600
ggacaccaa	aaacactcct	catgccccaa	gtcatacc			3639

<210> 3272

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1712)...(957)

<223> similar to gi6003574 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3272

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gcatatttca	gtccaacaac	ctagagagaa	gaaataggga	gctacatggt	tttgtttagt	120
cttgtttttt	cctcaaaatc	catccctaag	agtcaggagc	tacaagttta	taggtacgca	180
tttgatatga	tatgcttgcc	atggattcta	aggacctagg	aacatctagg	aatacaggac	240
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tttcagggaac	aaaaaaacat	taatggaaag	taggaatata	cttaaaacaa	aattattttt	360
acttttgagg	tcaaattcta	caccctggaa	aaagtcagaa	gcccatacta	gagttttgta	420
gaagtttttt	taaaaatgct	tttaaaattt	agcaaggctg	caaagtctgt	caataaataa	480
atcaaattac	tatctgtcag	taagctatga	agtcacacag	aagtaccaat	gcaaactgaa	540
cagattttaga	aagtcaatcc	atactttcta	gcatcatcat	gaaaactcca	tgactgaccg	600
acacatcatt	tccaatgtta	tcatcaaggc	ctcagtgtgt	accccaggac	acactttcaa	660
attctcaggc	agttccctaa	gaatgtgtgg	gagtttctgc	aatgtcttta	tatttccagc	720
ataaagatcc	agtaaccagt	cagtatgaac	actggtgggt	tctttatgac	ttttacaagc	780
cataagcagt	tcatttagat	gagttaaccc	tttggaagct	aaaatgaact	ctgaagataa	840
atcaaaaatt	gaacaaaaat	ttagcaacat	cctactaagt	aaaaaggagc	caaattcaag	900
ttgctggtaa	tgaaaatggt	tctctgcttg	tgcatagaa	ttctccactg	tatcttctat	960
ttttgtaata	gcaaacagtt	cttctttgat	ttgaggtgaa	accacataat	ccaagggcaa	1020
ttctccctta	gcattcctct	gttgtaaaag	cactgggccc	ccatgctgta	gtagcagctt	1080
gccaatttct	acatgtccgt	ttgacagtgc	atcatgcaaa	ggagtcaccc	cgtccacttg	1140
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atagttacag	gcttcatgca	aaggcgtcca	gccagcattg	tctttaacat	tgatgtctat	1260
tcttggaaca	gagagaagaa	gaatcaattt	ctccacttgg	ttatttatgc	aagctctatg	1320
cagggtctgt	tctcctttta	gattagtctt	gtgaaaattc	atctttttta	ctacagaggg	1380
gcaattctcc	ttggaacatg	acaattctcc	ttctgacttc	tttttcaatt	tttttaatga	1440
tgaggaacat	ttagcaaggt	tcaggtctag	taactctggc	agcccttcga	cttggttttg	1500
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tagacacaac	tttttaaga	ctgcctctgc	aacaaacatt	tgaagccagg	aggaggaaaa	1740
ggagcaaatg	aaaatctcta	attcctgtga	agaaaagtca	tcacacgaaa	gagaaacata	1800
acttcctaag	tcatcagaca	tgtgtcgcc				1829

0940335.013100

<210> 3273
 <211> 672
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(646)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3273
 tacctcatca ggcacacagag gattcataact ggtagaagc tctatggctg caaccagtgt 60
 cagaaacttt tcaggaatat cgctggcctc attaggcacc agaggactca tactgggtgag 120
 aagccctatg agtgtaatca gtgtggcaaa gccttcaggg acagctcctg tctgaccaag 180
 caccagagta attcacacta aggagacccc atatcagtgt ccagaatgtg ggaagtcctt 240
 caagcagaac tctcacctgg cagtacatca gagactccat agcagggagg gtcccagccg 300
 gtgtcctcag tgtggaaaaa tgttccaaaa gagctcatcc cttgttcgac atcaaagagc 360
 acacctggga gagcaaccca tggaaacata atgggtgggg gccacatgag tcttccagtt 420
 cactctcact cctgtgttta ggaggcgtgt cttagatctg actcctctct ggtcagtaga 480
 aaagaatcct ttaagctatc cagtgaattg atgaatgtga gacattgctg agccacactg 540
 ttaagtctgc tcattgggga actccagaga caacttaggc atgagggcag aaaagtcttt 600
 ggggatgatt cagtctgtac cagacatgac aacacacaca ctggaatgaa atgtgcaaac 660
 atgggggtga ct 672

<210> 3274
 <211> 1605
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1597)...(227)
 <223> similar to gi1575333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3274
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 tgatctactt ttaccagatt taacagatcc ttgaatttac tttactgtat atacttcctt 180
 cttgctcaca ttgggaatca aactaatgct ggaaacatgc atcttcagac ttcataggag 240
 aattccagat tgagacacgc tgggatgtgg attgagtcca tggtagaga agatggatta 300
 aatggaaaca aaacaggaaa catgtgcttg gcatctaata gcagttgctg agggtcattc 360
 cgctcttgta gttgtgctg gattgttcgt ataaaggcca ctgttaccg ttcttcaaatt 420
 tcattcaggg gagtataaag gtttaaaatt ttgacaatct gctgggtgct gagggaggta 480

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cacagggagc agatagcctc tgcgtcctcc tgggttttct tctttaattg caggagctgg 540
gctgcttgga tcagagggtc catggtctga actgctccac tctggtgaag gtttcttccc 600
cgaagccact cctcaagctg acttatattg tacctgagtt gcatgcctgt gctccaagag 660
cagacgtcct tccgcaggag cagggtcatta agagtcactg cgttgatcat gtagaagagc 720
tgtttgaata cctgcaggat gatctcaggg tccaagccct ggtcacacat gactgtatga 780
aaggcattca tctggcggat gatagcttcc aggcggtatg agttatcctc atctgccatg 840
ctggaggagt gcttctggga gccagtgggc ttcacaccag atagaccctg aatgctctaa 900
ttttccaaca tggcagaaac tatcatcggc tgtaacacac cctcggcaat tttaatgagc 960
tgctggtaga tctgaatgga aaggtcacgt caggcacctg acggtattcg gtgagggtcaa 1020
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caccagggtc cggatgagga gggcctcgtc ctctttgttg tactccagca tgccctggaa 1380
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ctggggccaa gcctgggcag ctcttaggtc ctgggctttc ttcatgtaaa tcttcagttg 1500
ctttttgagc ttcctctcat tcttttcag cttttctacc agttctttaa ggtccagatt 1560
ctcgttggtc agccgggata tttcctgctg aacgccgctc gtgcc 1605

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<210> 3275
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (675)...(226)
<223> similar to gi4164002 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3275
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ggtgcctgtg gttggtttct ctactggaa ccagtcctgg gcccactcg cctggcttcc 120
tccagtcgcc ccaggctcctg gggctggtgt gtcagaagct gcctttgtcc tctccattca 180
tccatccttg ggctgtctg gcctatgatg ccctcattca gctctcaggg tccagagggtg 240
actggtgtgg atcctgctcg ctgtgccaa atggccctcc agatgcggca taccatccct 300
ccctgtggg taatggactc agtgtggctc agccagaagg tggccctgga ctctatcttg 360
cacacactgt ctgcccagtg cccctctgt ccctagggga cccagggtgcc cctttggttt 420
ccaggaagga acctaggcag gcctgcagtt ggccaggatg aggccatatg catggttcac 480
acttgggggg cccaggatgt acctgatgcg ggtgtagatg aggtcatctc gaggggcata 540
ggtgagcaga gtgtggaggg tgaagctatg gttcaacagc tggatgtggt caaagaccgc 600
cagaaagagg gaaataagaa attacagaaa gatgtgtcga gaccaggta ctagctctgc 660
tctgttgcca aaataatgag gcagatcaca cccttctggg cctcagtttt ctcatccata 720
caatgggacg agaatactaa gtgttcttct ggtagtgaga ttct 764

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<210> 3276
 <211> 2281
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (62)...(1054)
 <223> similar to gi3877677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3276

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aataggtgaa	gaacaaaccc	agaatcccta	cactgaactg	ctagtactga	aggctcatca	120
tgatattgta	cgatttctgg	tacagttaga	tgactacaga	tttgcactctg	ctggtgatga	180
tggaattgta	gttgtgtgga	atgccagac	aggggaaaaa	cttttagaac	tgaatggaca	240
cactcaaaag	ataacagcta	ttattacatt	tccttccttg	gaatcttggtg	aagagaaaaa	300
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gagactagat	gtttggcttt	ctgggtggga	tgacctgtgt	gtgtggaacc	gaaaattaga	480
tctcctgtgt	aagactagcc	acctttctga	tacagggtatt	aagtgccttt	ggttgaaata	540
ccctaagaac	ctgtgtttgtg	gcagcagttg	gcaaagaact	gataattttc	aggttggtag	600
caccacacaga	aggatcacta	gaatgggata	ttcttgaagt	taagcgcctc	cttgatcacc	660
aggataatat	tctctcattg	attaatgtca	atgatttgag	ttttgtcacc	ggctcccacg	720
tcggagagct	gatcatctgg	gatgccctgg	actggaccat	gcaggcctat	gaacgcaact	780
tctgggaccc	atctccacaa	ctggacaccc	aacaagaaat	aaaactctgt	caaaaatcaa	840
atgacatttc	tattcatcac	ttcacatgtg	atgaagagaa	tgtatttgct	gcagttggaa	900
gggggtttata	cgtgtatagc	cttcaaatga	agcgtgtgat	tgacctgccag	aaaactgcac	960
atgactccaa	tgtcctgcac	attgccagac	ttccaaacag	gcagttaatc	tcattgctcag	1020
aagatggcag	tgtacgcatt	tgggagttaa	gagaaaaaca	gcagcttgca	gctgagcctg	1080
taccaacagg	tttttttaac	atgtggggat	ttggaagagt	cagcaaacaa	gccagccaac	1140
ctgttaaaaa	gcagcaagaa	aatgctactt	catgttcaact	ggagcttatt	ggagatttga	1200
ttggacactc	atcatctgtg	gagatgtttc	tatactttga	agatcatgga	ctagtgcagt	1260
gctccgctga	tcattctcatt	attttgtgga	aaaatggaga	gcgagaatct	ggattgcgca	1320
gtttaagatt	atttcaaaaa	ttagaggaga	atggtgactt	ataccttgct	gtctagttta	1380
aggaattaaa	aatacacatg	catgaacctt	gaacatcaaa	tatcgggtac	tactctgaaa	1440
accattaata	tattgatcac	ttaaattggt	aatttttttt	gtcagtccat	aaaattctac	1500
atgtttaaat	tttttgtgga	cctaccaacc	aggaacatgt	tgcttctcag	gtcctagtat	1560
atcctccaaa	gaatatacca	caagtttttc	catttgactt	tgagctgctg	ttgaagtggg	1620
gagtgtgtgt	ttttgagctt	attttgaacc	tagatccttg	tgaaagggtac	aaatagaggt	1680
aatagttaag	ttatggcatt	tattagaagt	tttattattt	ggcttccttt	agaattattg	1740
tgaagttaa	aaatagcctt	tctcctgcaa	attttcctag	tcttttagtaa	ctgttagtgt	1800
tctatatagc	acaaacttga	atctctcagc	caaaaaaggg	aacatatata	ctgtttaagt	1860
atggcaagtt	ttctttggta	ccaatttgtt	tagataattt	taaaaatgtt	ttttagttct	1920
agctactaaa	acctgtatga	actcaaatgg	ataggcatct	tgtgagggtg	tgtttttccc	1980
agtgtgaatt	ggcttgaaga	gccatgggct	aaatgggtac	tagaacaaca	actgcccctc	2040
atgtacgcca	aggatgagct	ctagatcatt	tgagaggcac	agtgtttccg	gagtcaggga	2100
ctggcagctg	agcgcaactg	ccccatctga	ccactgactc	aaatacgaac	tgcttgagac	2160
agacttcttt	tatgtagtgc	tttgacgtgt	ccattgagac	actataacca	gccttgtaac	2220
aatatgtttt	ctccttttgg	tgctaaaaaa	taaaaatatt	agaaagtagt	ctaaaaaaaa	2280
a						2281

<210> 3277
 <211> 1206
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (16)...(879)
 <223> similar to gi3005087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3277
 agtcaggagt cttcagacag tctagctgca gagattgtta cacctgaaat cagggagaaa 60
 cttattcgctc ttcagcatga gaataagatg ttaaagctta accaagaagg ttcggacaat 120
 gaaaaaatag ccttattgca gagccttcta gatgatgcaa atctacgcaa gaatgaactg 180
 gagacagaga ataggtactt gtgcccataa atttccctct tactacggct tttgctgtat 240
 cccatagatt tcggctggtg aatcaaagac ttctggaagt acagtcacaa gttgaagaat 300
 tacaaaaatc tttacaggat caaggctcaa aagcagaaga ttcagtcctt ctaaaaaaga 360
 agcttgaaga acatctagag aagctgcatg aggccaataa tgaactacag aagaagagag 420
 ccattattga agatctcgag ccaagattta acaacagctc cttaaaaatt gaagaattac 480
 aagaagcttt acgaaagaaa gaggaagaaa tgaagcaaat ggaagaacga tacaaaaaat 540
 acttagagaa agccaaaagt gtcattccgtc ctttagatcc taaacagaat caaggagcag 600
 caccagaaat acaagctctt aaaaatcagc tccaggaacg agaccgactg ttccactcat 660
 tagagaaaaga atatgagaaa acaaagagtc agagagagat ggaagagaaa tatattgtta 720
 gtgcctggta caatatggga atgaccctgc ataaaaaggc agctgaagat agactggcaa 780
 gcacaggctc agggcagtc tttctggcga ggcagaggca agcgaccagc agcagaagat 840
 catacccagg ccacgtgcag ccggccacag caaggtagag aagttgtgcc gctcaatcac 900
 agacacctgc acccacaaca tacttctggt acacacaaga acatttcagg aaactcagcc 960
 agcttatttt ttgtttctct tctatgtcaa tacttagtgt ttctcatttt gaggactttt 1020
 tctctctcct gtatctttgt tttagtttct ttggttttta ttttgtagtc ctttcagtta 1080
 tttttaatgt gccaaaaatt tgtacatggt caattaaaaa tgttgtataa tagtgtaata 1140
 cttttctttg tatgaaaatg tcctcttctt caaagggtata ggctttgtta tgaattagat 1200
 tttctg 1206

<210> 3278
 <211> 1159
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1161)...(822)
 <223> similar to gi3043572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<210> 3280
 <211> 3258
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(2516)
 <223> similar to gi5912060 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3280

ctttgaggtc	ttgtggtctg	attcttcaat	aacatcagta	accaaactctt	cctctgaagt	60
gacggaattt	atttcaaagc	tatgtcagct	ctatcctgaa	gagaacttgg	agaaactcat	120
tccttgctta	gctggtccgg	acgcatttta	tgtggagcga	aaccacgtgg	atctggactc	180
aggcctgagg	tacctggcct	cattaccttc	tcacgtgttg	aaaaatgacc	atgtcaggag	240
gtttctcagc	acttctcttc	ccccacagca	gcttcagagt	ccaagtcttg	gcaatccctc	300
ccttttctaaa	gtaggtaccg	tgatgggcgt	gtctggaagg	cctgtgtgtg	gagtggctgg	360
tatcccgtcc	tcgcagagcg	gagcccagca	ccacgggcag	cacccggccg	gctcagccgc	420
ccccttgcc	cactgctccc	atgcgggcag	cgcgggctca	gccctggcct	accggacca	480
gatggacaca	tcacctgcca	tcctcatgcc	ttccagtctg	cagacccctc	agaccagga	540
gcagaatggg	attctagact	ggcttaggaa	actgcgtttg	cacaagtatt	accccgctct	600
taagcagctc	tccatggaga	agtttttgag	ccttactgaa	gaagatctga	ataaatttga	660
gtctcttacc	atgggggcaa	agaagaagct	caagaccag	ctggagctgg	aaaaggagaa	720
gtcagagaga	cgggtgcctga	acccctcggc	cccgcgcgtg	gtcaccagca	gtggtgtggc	780
tcgagtgcgc	cccaccagcc	acgtcgggcc	cgtgcagtcg	ggcggggca	gccatgcagc	840
agagctgcgg	gtggaagtgg	agcagcccca	tcaccagctg	ccccgggaag	gcagttcctc	900
ggagtactcc	agctcctcct	ccagcccat	gggggtacag	gcccgggaag	agagctccga	960
cagcgctgag	gagaatgaca	gacgtgtgga	gattcacttg	gagagctctg	acaaggagaa	1020
gccggtgatg	ctgctgaatc	acttcaacttc	cagttccgcc	agaccacgg	cccaggttct	1080
ccctgtgcag	aatgaggcca	gtcccaatcc	atcaggccac	cacccctgc	ccccgcagat	1140
gctgagcgca	gcctcacaca	tcacacccat	ccgcagtctg	aattccgtgc	acaagccaga	1200
aagagggagc	gcggacatga	agctcctctc	gtcttctgtg	cactcacttt	tgtctctaga	1260
agaaaggaat	aaaggatctg	gaccaagaag	cagcatgaaa	gtggacaaga	gctttggcag	1320
cgccatgatg	gacgtgctgc	ccgcgtccgc	acccaccag	cctgtgcagg	tcctctctgg	1380
gctttcggag	agcagctcca	tgtcacccac	agtctccttt	ggtccccgga	ccaaagtcgt	1440
gcatgcatcc	acgttgga	gggtgctgaa	gacagcacag	caaccggccc	tggtcgtgga	1500
gaccagcacg	gctgccacgg	ggacgccag	cacagtctc	cacgccgcc	gtccgcccat	1560
caaactgctg	ctgtcgtcat	ctgttcctgc	tgattctgcc	atttctgggc	aaacttctctg	1620
tcctaataat	gtgcaaataa	gtgtgcccc	tgcaataata	aacccccgga	ctgctctgta	1680
cacagccaac	accaaagttg	ccttttctgc	aatgagcagt	atgccagtgg	gccccctgca	1740
gggtggcttc	tgtgcaaaca	gcaacactgc	ctctcccagc	agccacccct	ccacgtcctt	1800
tgccaacatg	gccacagatg	cccagctgcc	cagccccag	ctccagccc	gcgtgtcct	1860
ccgtccctga	aagcagtttc	tatagcagca	gtggcggtgg	cggtccaca	ggaaacattc	1920
ctgcctcgaa	tcgaaccac	caccaccac	accaccatca	gcagcccccg	gcacccccgc	1980
agcccccccc	acccccgcca	ggctgattg	tgtgacgtc	ctgtggctgc	agcggcagct	2040
gcggctcgag	tggcctgact	gtcagctacg	ccaactactt	ccagcacccg	ttctccggtc	2100
cgctcgtgtt	caccttcccc	ttcttgccct	tcagtcccat	gtgcagcagc	ggctacgtca	2160
gcgcccagca	gtacggcggc	ggctccacct	tccccgtcgt	gcacgcccct	tacagcagca	2220
gcgggacccc	agaccctgtc	ctgagtgggc	agtccacgtt	tgccgtgcc	cccatgcaga	2280
acttcatggc	agggacggca	ggggtgtacc	agacccaagg	actggtgggc	agtagcaatg	2340
gttccagtca	caaaaagagc	gggaacctat	cttggttaca	ctgcggggcc	actggtcacc	2400
gcgcccagga	ctgcaaacag	ccgtccatgg	acttcaaccg	gccaggtact	tttaggttga	2460
aatacgcccc	tccagcagaa	agtctggact	ccacagattg	atatttttcc	tctggcaaac	2520

cagaacgtta	tttaagccat	ggagacataa	ggaaaattaa	atacaaaact	gagaaggtct	2580
agttgctgtt	gagcttaatc	tttttaatcc	aaaggtgctt	tacttttcct	agactggata	2640
gaaaatctag	ccgtagaaag	tgcatacaac	tcgatttatt	gccaaaacc	tagattggag	2700
cttgggtgtc	agaactcgcc	tagtgggcat	ctctgtggct	ggtgagatcg	gccacctcca	2760
cttttggttg	cagtgcagag	acgccatgtc	tcccgaagag	cattgccatc	actggccctc	2820
ctaggctcac	acgtcaattc	cagggcagct	acacgtgggc	tgaatcgaga	accgagcttg	2880
gagttctcca	agtggagttc	cacccgccgg	actcctgaca	cccctgggct	aggggaaatg	2940
tcgactttgt	tttgttctgt	tcctaaagtg	attagcacta	atctctggga	tttttaagga	3000
ttgcactaca	gaagaatgta	ccctgatgta	aatctctgcg	gttctgggag	ccaaactcct	3060
ctgagaacag	tcagtgaag	agactccaat	aatccatatt	gaaagagtca	gcaccagcag	3120
aggctactcg	acttaggacg	caacagaggt	tttagtattt	ccttccctcc	tccaagcact	3180
tgtagcagtt	tcaggttttt	aatttttttc	tgcaataaaa	tctaaactac	gttattaaat	3240
agaaatagtt	tactcgca					3258

```

<210> 3281
<211> 1300
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1296)...(222)
<223> similar to gi4519623 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3281		
tttttttttt	ttgccatttt caaaaaagat atagtagctt cagttgtaca ccaccagttg 60	
aaggggtttt	catccaaatg agaaactcta ccccttgtct ctctagtggg acaggcacca 120	
gattcccaca	agcagcagct cccatgtcct gtagcacgtg gcatccgacc ctggagtga 180	
gagtaagctg	gcacagagcc ccgacgtgg gattcagact agatggcgtt tcgtggcgtg 240	
ccattgtgtg	tcagcgcttt cagactggag gcactagtct ggtgaccaca gctcctgtga 300	
gaagtccac	ccacctcaaa aacctcatga atagcttttc ggaaacagtg gaagttgtag 360	
tctattaaac	cttttctttc aaagctttct tcccttagaa tgcagaccag tgccaaaaat 420	
ttagtccct	cctttaaata aaggacagtt gtattattca gcttgataat tgccatagat 480	
tctttgtcat	aagcacttcc acttccatct tcctttaacc catatataca agacacatca 540	
attacaacat	cgatcatgtc acagcaaagt tcataagatt gcatatccac aggggaactg 600	
tctgttgcaa	tgtagatttt gctgacaaca tcaaagagaa aagctttttc aatacctgaa 660	
tttgatataa	agatatttaa taggttttcc aaggtcggca gttgtggaat gagtttctgc 720	
accaccttac	taaaggcttc aaatattgaa tggatcataga tactagttag ataaaagcta 780	
agatggagtt	tttctagccc agcatctgca aggtcatcat tggccctttg atgaatgtcc 840	
ctctgtgttt	ctattttgtg atcatcagac agaccatcaa ctttgtgaat aaaaacctca 900	
aaattcatgt	ctgggttaac tttgtaggct tttagaacag taatgtgaag tcttgttaaa 960	
gcctccatgt	agtcactctg tgcgtcaatg acgtatatca atgctcctgt tcccctgaag 1020	
atcatctcat	agtcaaaggt tgggtcaaaa aagtccattt gccaggaaa atcccatatc 1080	
tggaaattca	caaaggagct attggaaatg tcatccttat aaatcttgtt ggtactttcc 1140	
aaaaagaggg	tctcgttggg tgacatctta tgaaacacca ctttctggat ggaggacttg 1200	
ccgctgcgcc	ggagtcccat gagcagaatc ctcggttgg agctgtcagc gcccccgga 1260	
ccacagcctc	cgctgcccg gacgcgtggg tcgacccggg	1300

<210> 3282
 <211> 3167
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3168)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (3167)...(2950)
 <223> similar to gi299471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3282
 ggaattcgcg agcgcagggc gcatgactgg caggcagctc cacctgcagc cctggtgccg 60
 gatccactag gtgaagccag ctgggctcct gagtctggtg gggacgtgga gagtctttat 120
 atctagctca gggattataa acacaccaat cagcaccctg tgtctagctc aagggtttgtg 180
 agtgcaccaa tcgacactgt atctagctgc tctggtgggg ccttgagaa cctttatgcc 240
 tagctcaggg attgtaaata caccaatcag caccctgtgt ttagctcaag gtttgtgaat 300
 gcaccaatcg acactctgta tctagctgcc ctgatgggga cgtggagAAC ctttgtatct 360
 agctcagggg ttggaaacgc accaatcagc gccctgacga aacaggccac tcggctctac 420
 caatcagcag gatgtagggt gggccagata agagaataaa agcgggctgc ccgagccagc 480
 attggcaacc cgctcgggtc cccttccaca ctgtggaagc tttgttctt cgctctttgc 540
 aataaatctt gctactgttc actctttggg tccacactgc ttttatgagc tataacactc 600
 accgcaaagg tctgcagctt cactcctgaa gccagcgaga ccacaagccc actgggagga 660
 acgaacaact ccaggcgcg c aatgaacaac tccaggcgcg ccgccttaag agctgtaaca 720
 ctaccgcga aggtctgcag tttcactcct aagccagcga gaccacgaac ccaccagaag 780
 gaagaaactc caaacacatc tgaacattag aaggaacaaa ctccagatgc gccaccttaa 840
 gagctgtaac actcaccgcg aggggtccacg gcttcattct tgaagtcagt gagagaccaa 900
 gaaccaccaa attccggaca catTTTggcg accatgaagg gactttcgcc tattgccaag 960
 cggtgagaca atcgctgagc agtgagacca tcacctattg ccgagcgggtg agaccattgc 1020
 ctatcgccaa gcaaactcgag gccatcaagc tacagatggt cttacaaatg gaaccccaa 1080
 tgagttcaac taacaacttc taccgaggac ccctggactg accagctggt cctggcactt 1140
 cccctggcct agagagttcc cctctgaagg aactacaac tgcaaagccc cttcttcgcc 1200
 cctatccagc aggaagtagc tagagcagtc atcgccaaa ttcccaacag cagttgggggt 1260
 gtctgtttga ttgaggggtg acagcatgct ggcagtcctc acagccctca ctgctcgct 1320
 cactctcggc acctcctctg cctgggctcc cactttggca gcacttgagg agcccttcag 1380
 ctctgtatct agctactctg atgggtcctt ggagaacctt tatgtctagc tcagggattg 1440
 taatacacca tcagcacct gtgtctagct caggtttgtg aatgcaccaa tggacactct 1500
 gtatctagct actctgggtg ggccttgag aacctgtgt caacactctg tatctaacta 1560
 acctggtggg gatgtggaga acctgtgtc tagctcaggg atgtaaacgc accaatcagt 1620
 gccctgtcaa accactcggc tctaccaatc agcaggatgt ggggtggggcc agataagaga 1680
 ataaaagcag gctgcccag ccagcagtg caaccgcgtc aggtcccctt ccacactgtg 1740
 gaagctttgt tcttttgcct tttgcaataa atcttgtact gctcactctt tgggtcccca 1800
 ctgcttttat gagctgtaac actcactgcg aaggtctgca gcttactcc tgagccagtg 1860
 aaacatgaa cccaccagaa ggaagaaacg ctgaacacac ctgaacatca gaagaaacaa 1920
 actccagacg cgccacctta agagctggaa cacttaccgc aagggtccgt ggcttcattc 1980
 ttgaagtcag tgagaccaag aaccccccaa ttccggatac aatatcgaca aaacatgcat 2040


```
cagcctgcat accttactca tgatgtcaat tcccaagttt cgctaataaa aacatctctg      840
caagcctctt cagggagccc nccnnaaaaa aaaaa                                   875
```

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<210> 3284
<211> 2202
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(1707)
<223> similar to gi5441764 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 3284
tcaaaatgaa aattcagtgga acaagtggggg aaaaccttta gtgattgata aactcaagga      60
aatggccaaa gtcgaggggtc tctggaactt gtttttgcca gctgtcagcg gactcagcca     120
cgtggactat gccttgattg ctgaagaaac aggaaaatgc ttttttgctc cagatgtctt     180
taactgccaa gcaccagaca cagggaatat ggaggttctg cacctgtatg gaagtgagga     240
acagaagaaa cagtggccttg agcctcttct tcaagggaac attacctctt gcttctgtat     300
gacagaacct gatgtagctt caagtgatgc cacgaatatt gaatgcagca tccaacgaga     360
tgaagatagc tatgtaatta acggcaaaaa atggtggagc agtggagctg ggaatcccaa     420
gtgcaaaatt gcaattgttt tgggaagaac tcaaaatact tctctctcca ggtaattaaa     480
caattctgat tgagaaacct gtgtaggaat gagccagtct tctctctatc taggtaattt     540
acttaaaatt cactgttttg actcacaagt cataatgtaa gatatgagag taaatgtcat     600
atatttgtat ttcacaagta ttttctaaca ggtgtttttg gaaaacatta tagggagtat     660
tgctgaacat tcttcgctgt ggaattttca gtattagaaa gtgttgctaa attatcaaag     720
ctgtttggat taaattatca gacaaatttt ttcagacctg tgtaatgaag tgattagatg     780
tttagatcaa aggcaataat cttgaaatgt ttaattatat atataagttc ccagttacca     840
ttgttgagca gtgagaagct tcaatcaaac aactcattta ttttcaaate attgtttctg     900
ttccagatca cagcctgcat cagactatgt tgggtgtacgt cttttacaca gttcccatte     960
cagtcacac tgcttacatg actacatgaa aacatcaaaa agacaattgg gattctgctt    1020
attatctgtt ttatttttct tcttagcaaa ctttttctaa tacaattttt cttttgacta    1080
gacacaaaca gcacagcatg attcttgttc ccatgaacac acctggagta aaaataataa    1140
ggcctttgtc agttttttggc tacacagata attttcatgg aggacatttt gagatccatt    1200
ttaatcaagt gcgagtttct gccacaaate taatactagg tgaaggtagg ggatttgaaa    1260
tttcccaagg ccgccttgga cctggcagaa tccaccactg tatgagaaca gtaggttttg    1320
cggaacgcgc tttgcagatc atgtgtgagc gggcaacaca aaggatagct ttcaagaaga    1380
agttgtatgc acatgaggtt gtggctcact ggattgctga aagccgcatt gccattgaga    1440
agatccgctt gttgactctg aaagctgctc acagcatgga cactctgggc agtgctggcg    1500
ctaagaaaga gattgcaatg atcaaagtgg ctgccccacg ggctgtcagc aaaatcgttg    1560
actgggccat ccaggtgtgc ggaggtgctg gtgtttccca ggattaccct ctggctaaca    1620
tgtatgctat aacccgagtt ttgcgtttag cagatggacc tgacgaagtt catctttcag    1680
caatcgcaac aatggagctg cgggaccaag ccaaaagact gacagccaag atataaggag    1740
ggtggcactg ccacatccca ctggcagaaa ctctccttta taaaaacttc attggctcca    1800
acatttgaat ctcatatttt tgtagcagtt tgagcacagg gttaattatt catttgtggt    1860
aaagattata gcatctattt tgatcagttg gttttattat ttcaagggtc acacagggtt    1920
aagttcagta agaaatgctg tagctgttgt cattcaatct agtgcctcct tgaggccagg    1980
agttcaggac cagcctgggc aacatagcga gacccccatt gctacaaaaa atttaaaaaat    2040
gaaacaagtg tgggtggcaca tgcttgtagt cctagctact tgggaggctg aggcaggagg    2100
```

attgcttgag	tctaggagtt	tgagggttaca	gtaagctgtg	atcgtgacat	ggcctccagc	2160
ctgggtgacc	gagtgaagact	gtttctaaaa	ataaaaaaaaa	aa		2202

<210> 3285

<211> 2725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2525)...(1487)

<223> similar to gi4127947 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3285

agccaccagg	caagaaacct	tcagggtgat	tatgtgtgtg	cttttttttt	ttttaatagt	60
atcattcatt	tgtacagaga	aatcatttgg	atggatctat	ttacagtctt	ttctgattat	120
catttccact	ggccaaatat	atttcacaga	atagtcaaca	ctgacttgaa	ttgatcacca	180
ttataatcgg	gctttttact	ctcctccccc	ctttcaaaga	tgatgatccc	attttaacag	240
aaacattttg	taataaaaga	ttcaccagtc	tttttccatc	ttatgactaa	atccacccaaa	300
atttatttaa	tatggtcaaa	tttttaacac	atttcattgt	ttcttttcaa	actcattatt	360
tgcagggtatt	gcaaaccaag	gcaaataagt	ccacggtccc	ctcgagcctt	ctacaactta	420
ctgacacgcc	ctcaagttga	ggcttctcct	atctcctttc	acacttgtga	aatgtctggc	480
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<210> 3286
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (19)...(347)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3286	
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ctaacaaaac	atgtacaaga tctatgtgag gaaaactgca aaactctgaa agaaataaaa 180
gaggaactat	aatgcatga agagatatit catgttcaca gataggaacc ctccatgttg 240
tcaagatacc	agttcttccc aacttgatct ataggtccaa agcagtgcc atcaaaatcc 300
cagcaaataa	ctctggatat tgacaaactg actctaaagt ttatagatag aggcaaagac 360
cccgaatagc	caatacaata ttgag 385

<210> 3287
 <211> 2744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (2745)...(499)
 <223> similar to gi2565046 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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atccataatt tagagatagc aaggtcttta ttacacccat tttatttcta gtttgaagtc 180
ccgtaacagt tttgtgaaaa catttaaaaa cctggggcaaa tgaatcataa aacctaagt 240
ggggctctta aagtcataata atacaaaaca taatttatgt ttccctcagg attaaaattg 300
caccatcttt aaaaggggtgc cggatatatt attatatcct gtccttcccc gcttcacagt 360
ctggatcccc caggaaaggc agctgggaaa accagagcct gtgaagggaa gcgcagcagc 420
ttcctcgcca gaccagaaca gccagccccg caccgcagga agtccgacat gcacggcagc 480
ctagacgccc atagttaaac cttatatgat tcatagtcca gcgtttgagt gagcacttca 540
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aaatgaaggt cattttccac aggataatta aaattatttc ccgaacaaac tcgaagttcc 660
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<210> 3288
 <211> 1624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1625)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (63)...(1286)
 <223> similar to gi3766257 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3288
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 tttttgtctc acctaatctg gccacctttg ttttgagcgt ggtgcctcca gtgtcaatca 120
 ttgctgtaat ttatgggcga tatctacgga aactgaccaa agtcactcag gattccctgg 180
 cacaagccac tcagctagct gaggaacgta ttggaaatgt aagaactgtt cgagcttttg 240
 ggaaagaaat gactgaaatc gagaaatatg ccagcaaagt ggaccatgta atgcagttag 300
 caaggaaaga ggcattcgcc cgggctgggt tctttggagc aactgggctc tccggaaacc 360
 tgatcgtgct ttctgtcctg taaaaaggag ggctgctgat gggcagtgcc cacatgaccg 420
 tgggtgaact ctcttccttc ctaatgtatg ctttctgggt tggataaagc attggagggtc 480
 tgagctcttt ctactcggag ctgatgaaag gactgggtgc agggggggcg ctctgggagc 540
 tcctggagag agagcccaag ctgcctttta acgaggggggt catcttaaat gagaaaagct 600
 tccaggggtgc tttggagttt aagaacgtgc attttgctta tccagctcgc ccagagggtgc 660
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 cttg 1624

<210> 3289
 <211> 4747
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4748)...(573)
 <223> similar to gi3288457 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3289

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taatggatag	catttttctt	tatcgagtgg	gacactacag	agtcggatgt	taattgctcc	480
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<210> 3290

<211> 2817

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2818)...(1352)

<223> similar to gi4309889 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3290

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tcaggacgcc	cagaacaaga	gtcccagcgc	ggatcatgagc	cacgaatcgg	atgctgctca	120
ctctgacagt	gccagggtcat	cttccagcaa	gttagaactc	tcgcctgatg	ttaacaaaaat	180
aaggaaatca	gagcccaaga	tcaagaagtc	tgtaagtcat	gaaagagtct	ccaaaatgaa	240
tttttaattg	actggaaaag	ggatcacctt	tttctcatct	gagagcaaga	aatatgagag	300
accaaggat	gatcgagagg	aagagttcaa	cacgtgggtc	aataatatgt	acgtcttctt	360
tgtgaacacg	ctctttcatg	cgtataaacg	tgaagaagct	atcaaggaga	aaataagggc	420
agacaggtta	cgtagcacag	cacaggccca	gcagcggaag	atggaagatg	acgaactgga	480

```

agcaaggctg gacatcttta tcttgagaga ggaagaggcc aagagacatg actatgaggt 540
ggacatcaca gtgctcaagg agccggcaga cgtgtcatcc tctcacctca tactggaccc 600
tcccaaggag gatgtgaccg tgtccccatc cagcaagacc atcaccagca agaagaagaa 660
aaagtagaga gacacgagga cacacacaca ggcttaggat ggcacgtgct gtaagatttc 720
ctgagcatta cagttcttag cactgaactc gtcacagtgt tttaacatac cccttggccc 780
actgcatctc aggtttccta catggctgga ttacgggagt tcgagaccag cctgggcaac 840
atagtgaagc ccccccattc ctgcaaaatt aaaacatcag ccgaccgtgg tgggtgtgtac 900
atgtggttct agcttcttgg gaggtcaggg tgggaggatt gcttgagctc aggaggttga 960
ggctgcagtg agccattgca ttccagcctg gggtcacggag ctgggtggcca gtgtaactta 1020
taaataaggca gcaggagaga gactcaacac caaaccagaa ttttaaaaac ttttaacaat 1080
ttattagtct tattttccag taaaatattc acagagatgt caaaagaatg agatggtgag 1140
cgatatagcc aactaccttt aattaattcc acataaatag ttaagatcta aaaacctcag 1200
atgagcagac cgagtcgaaa tgtgattctt caaagcaagt attgctttac ccttgtcctg 1260
aatgcagtct gtcatatgac cactaatttg caatccaaga aatgggttgca gagtgttttt 1320
tagatatgct ctcggtgagc cgtcatccgt caatccaaga agaagatgtt gttgaactgc 1380
gttgacacaaa gtttcttgac ctcttcattt acttcaatca ggtttgcat tttttgattc 1440
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gccttcacaa tgatctcctc atcttcatcc actctggtaa agtcaactgt gatgtcaccg 1560
agaatcttca ttaaattccg gtgcacggaa gtgagcgaca cgctgggcgt tttcctcatg 1620
tgaactgtgc tcttctcggc gagattcatg tgggtgaagt agataaactt aaactggggg 1680
tcctttcctc agaccccgga acatccccct tgttgatgtt aaaactgttc cacaagatgt 1740
ccagaggccc agccactgtg aagctggggc cccaacgatg ctgtcccagt ccttcggcaa 1800
aaaacccaac gttgggtgga cagaggcgct gatcataaag cacacagccg cactcatggc 1860
cttataaacg gattaaatgg agctcttcat aagtgtcatc tgtatttaca aaaattttgg 1920
ggaatctgca ttttgcatct ggatcattga gggtcaaggg tccggtaaga aatcttccat 1980
agtgttgaag atttcttggc atttctgctc ttattggaga atcccttcct gctaactcag 2040
gttcggatgt gccttgggaa aaggagggtg gtaaggattt tgtataaaat tctcatgtca 2100
tcttgttcta atccactcca gatgagctga tcgttataga gaaaagcagt gtatttgact 2160
atattcaggc tttcctccat tcgtattaat aaaggactgg attttcaaat aagtcatttt 2220
atccaacggg aagaagctga ttccaccaa aatgtcaagt aggtcacatg actgcaaag 2280
tagcgtttgc aaataccgat ggaagaattt ctctaattc tctttcagaa gcttgacgcc 2340
tccgtcttcc atggctttca gaaatgtacc attaaaaagc ttgtacatgc tgtagcactg 2400
ccgcagcacc gagctataaa ccttgtccaa caactcctcc tcttgatatt caataactgg 2460
ttttccatct ttactctgtt tttcaattat aggtattccga acaaccatga ccatccagaa 2520
attttcttct gggttcattga agaactgtct gttcttctgt gtatgtaaag attttgagg 2580
ttttgatggg ctaaatgtcc ttgtaaactg tacaatagct tcacacaatc cgacatttct 2640
aatcttctca ttcttttcta cctcatttgg atgataaaat aaaatcttat tttcctcctg 2700
tccttcgcgc ggcccgagc gcgggttgta gatgaagaaa ctcagcagcg ccggcgaggaa 2760
ctgcttctcc tgggccgccc agggcccgc cccggccccg gccgcgctg cagccat 2817

```

<210> 3291

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(274)

<223> similar to gi558846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3291
aagttaaaat gatattagga aaaagctcag attagatata aaattgatca tgtctgccag      60
aaaatattct cctaaaagca atttctctct aaacacccaa agcgcacagc tactctcagc      120
aagagaaaaca tgagcattat gaagaaagggt ggcagatttt cagaagaatt ttataaaagt      180
ttctttccca tctctgctgt tctgtcatct cctagccatt gaatggagggt tctatatattga      240
aatacatctg acaacttcca acaacacttt ttgatgaaga aatagaatct gactatgttc      300
atatagtggg atatattaga acttgcaaca tagccaaact gaagagctat tatgggttttt      360
gggtggccac atcacatgtc tttatttgtc ctgtaatagc agcattccaa tttagtgaaa      420
taaaagatac taaaattgtg tttact                                     446

```

```

<210> 3292
<211> 1101
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(640)
<223> similar to gi5832782 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3292
tacctggatc ggggtgaagggt actggtgttg ggagactcag gtgttgggaa atcttcgtta      60
gtccatctcc tatgccaaaa tcaagtgtctg ggaaatccat catggactgt gggctgctca      120
gtggatgtca gagttcatga ttacaaagaa ggaaccccag aagagaagac ctactacata      180
gaattatggg atgttgaggg ctctgtgggc agtgccagca gcgtgaaaag cacaagagca      240
gtattctaca actccgtaaa tgggtattatt ttcgtacacg acttaacaaa taagaagtcc      300
tcccaaaact tgcgtcgttg gtcattggaa gctctcaaca gggatttggg gccaaactgga      360
gtcttggtga caaatgggga ttatgatcaa gaacagtttg ctgataacca aataccactg      420
ttggtaatag ggactaaact ggaccagatt catgaaacaa agcgccatga agttttaact      480
aggactgctt tcctggctga ggatttcaat ccagaagaaa ttaatttggg ctgcacaaat      540
ccacgggtact tagctgcagg ttcttccaat gctgtcaagc tcagtaggtt ttttgataag      600
gtcatagaga agagatactt tttaagagaa ggtaatcaga ttccaggctt tcctgatcgg      660
aaaagatttg gggcaggaac attaaagagc cttcattatg actgaattac actcatcctt      720
tggaagagtg agcaagcagt ggcagttttt cacagctcat cttgctgtgt tcaattatta      780
ccatcacagc cttttaacaa aatcatctta aaatgctacc cttcagcctt accctttaat      840
ggaaaaatga aaggaagtga caatacggga ggtccaaact ttgtccctgt tctctgtgtt      900
ccttaccttt ctgtccctgt gtatagatta tgtaaaagcc ttgtgtaaat atgagatggt      960
gtcaaaatga tgcagtaaat gagcaatgac agtgtactgc agagaaaatt tactcttgcc      1020
tagaactgga ggggttttat ggggtctgtaa ttttcccaca ctcattgctg aaagcttaat      1080
taagtacttc aaaaacgtaa a                                     1101

```

```

<210> 3293
<211> 364
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(239)

<223> similar to gi804809 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3293

aggaactaga	taggctgaac	agaccaataa	caagtaatga	gattgaatca	gtcataaaaa	60
gtcttccaaa	aaagaaaagt	ccacgaccaa	agggcttcac	tgctgaattc	tactgaaact	120
ttaaaaatgt	aataccaact	tttttcaaac	tattccccaa	aaaaacgaaa	cagaagggaat	180
tcttccaact	cgttttacaa	gggctttatc	ttgaaggcaa	aatggcacca	ctcaaagtgc	240
catactcaaa	tatgccgcat	tttggaattt	ccctgggctg	tcacctccta	tcctggcttc	300
aaaactgtgt	atagtgaagc	catctccgcg	ggtctcccca	ccctgtgggt	aacacttgac	360
gata						364

<210> 3294

<211> 1695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (389)...(1361)

<223> similar to gi3874826 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3294

tggaattcct	gggtcgacga	tttcgtgaaa	gagtcattaa	cagttaggag	ttgatggcag	60
tttcaataac	aggctcattgc	cgagaaaagg	atagcactat	aatatgcaga	aatctacaaa	120
ttctgatact	tccgtggaaa	cactgaattc	taccgcgcaa	ggcacaggag	ctgtgcaa	180
gagaatcaaa	aatgccaca	gccacatga	caggctcagc	caaagtaaat	ccatgatcct	240
caccgatgtc	gggaagggtca	ctgaacctat	atccagacac	agaaggaatc	attcacagca	300
tatcttgaaa	gatgtcattc	ctccattgga	acaactgatg	gttgaaaaag	aagggttatct	360
gcaaaaagct	aaaattgcag	atggaggaaa	gaaactaagg	aaaaactggt	ctacttcctg	420
gattgttctt	tctagtcgaa	gaattgaatt	ttacaaagaa	tccaagcaac	aggctctgtc	480
caatatgaaa	actgggcaca	aaccagaaag	tgtggatttg	tgtggagcac	acattgaatg	540
ggccaaggaa	aaatcgagca	gaaagaatgt	ctttcagatc	acaacagtat	caggaaatga	600
gttccttcta	cagtcagata	ttgacttcat	catattggat	tggttccacg	ctatcaaaaa	660
tgcaattgac	agattgccaa	agggttccaa	gttgtccatt	caaggaaacc	tgggatttat	720
ttcaaattcc	aaaggttcct	ctagcactga	attgctaagt	cactaccgac	agtgatataa	780
aagaaccaga	aaccatgagc	accagaaaat	ctttaatgtt	cagactgcat	cacagtgttt	840
ccgatacaag	cgacaaaaat	cgagttaaaa	gcagattaaa	gaagttttatt	acccgaagac	900
cttccttgaa	aactctgcaa	gaaaaaggac	ttattaaaga	tcaaattttt	ggctctcatc	960
tgcacaaagt	gtgtgaacgt	gaaaattcca	cagttccgtg	gtttgtaaag	caatgcattg	1020
aagctgttga	gaaaagaggt	ctagatgttg	atggaatata	tcgagttagt	ggcaatctgg	1080

0048925.013100

caacaataca	gaagttaaga	tttattgtca	accaagaaga	gaagctgaat	ttggacgaca	1140
gccagtggga	ggacatccac	gttgtcaccg	gagcactgaa	gatgttttcc	gggagctgcc	1200
tgagccgctc	ttcccttaca	gtttctttga	gcagtttgtg	gaagcgatca	aaaagcaaga	1260
caacaacaca	agaattgaag	ctgtaaaatc	tcttgtacaa	aaactccctc	cgccaaatcg	1320
tgacaccatg	aaagtcctct	ttggacatct	aactaagtaa	gttgtaagga	tttctggatg	1380
tgatcattta	tagtcatttc	ctaaatgggc	aatattgaat	ttcacatctc	taaggcaaga	1440
gtttccaaat	gcgtacatct	cgtattttcc	cttgtagctg	aactaggtct	ttctgcagaa	1500
gctggagaat	gtgttaggga	taggaaggac	aatctacaaa	aggaacttct	gaaataactt	1560
atttttcaag	gccctttcaa	ctagtatatg	tttgctgatt	gcttgtcaga	accatcgcct	1620
ggaccctggg	atgggtcatc	ttgactttgt	tatctaacat	aatgaaagaa	catgaaatga	1680
ttcagacatg	gattc					1695

<210> 3295
 <211> 2125
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2126)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2126)...(133)
 <223> similar to gi2832906 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3295	
tttttttttt	ttgggtggttg tctctaatat ttatttgtct gggtataaaa ttaatattgtg 60
aggagcattg	gattttggtga gaacgttttg aaccctagct gtcattgtgcc acctgcggga 120
tctagaccag	tgactttctca gaactgccat ttctctcatct ggtagacagg atggtaagcc 180
ctgtcttgct	cactccacgt atggcagtg agatgaaatg agatcacaga ggggaagcaa 240
ttggcaggct	ggaaagtgtc gacaaatgga aggggtttgt tcaccaccct cagctgaggt 300
agtaccaagg	tccaagctcc tgccccctcc cctccccagc ccctaaatac acacacgaat 360
ggagggccac	ttgcagcctt ggtctgatgg aattgggggc aaggccacac atcttcctca 420
agcttggcca	gatggggcct cactgggggc cttccagaat cgggcatcgg ctgtggccag 480
ctgtgtgagg	atctcctcca actcgggtcc atcctctggg aaacgctcag agaaggatcg 540
gatgaggcca	gcagctgacg cctcgtattc cagaagctgc acgtctgagc cttcaaggcg 600
agtgttgggc	tgaacaatga gcttccgaga ttctttacgc agcagcaccg tgtccctgag 660
ggtgaggaag	cactcggggg gcgcacagtg gactgttgca taccctctgt acagggccccg 720
ccctccggcc	acatccccctg tggacttcag cacctgaagt ctccgcagga agcgctctag 780
agcaggcttg	cccacagacc ggatcttgct gcggtcgagg cggaccggg catctgggcy 840
cccatcgag	cctgtggttg gactgatggt aacgagtcct tcgccagcct ccagcaagac 900
tctcaggatc	acaaaccggg cctgcatatg ggctgtgcgc cagttgaagg cctcaggtgt 960
gtagaactcc	agagcgagca gcccgccccg aacctgtgtg agccagttca cgtagatcac 1020
gtcctccgca	tcagccccct caaagccaaa gatctccagc acttgcgggg ggagacagag 1080
gtagagacc	acgctctcag cccggcactc ttctgtagctg gaggcgatgg tgctgaactt 1140
gctatcccag	gtctccccgc tccgatacca gctctgaatc tgctcgcccc tctctggggt 1200
gatcactgtt	tcctggtcaa agttgaatgc tcctttttcg tcctgtacga agagcttgcc 1260

actgccatgg	cccagcagct	cgtgcaggcc	cacctgcaca	tcgaaggagg	gccccttcca	1320
gaggatgtac	aggtccttgt	catcctcctc	cagaaaggta	agcttctccc	gctgcgtggc	1380
gtagggcaca	gccagcacat	tccccagcga	cacgttctta	aagccttccg	tctgcctcag	1440
atcatcgtag	ttggggatgt	tgatgccggc	agggatgccg	gagccagcga	aggtgagaac	1500
atccaggggag	gtgaagtacg	gggtgaggaa	cttgtccttc	tcaaagggtg	ggggccaggg	1560
cagctccttc	agcagctgct	ctgcgctcgc	caccagccgc	tcaaacttgg	cactcatggc	1620
cttgttcacc	acagctacga	aaccttcaaa	ttctcctcgg	gaaccaaagg	ggtcgcggta	1680
gctctcgatg	aacccgatgt	aactctccac	gatggggcct	ttgtcctgga	tccagaagcg	1740
ggagcccctc	ttgtgggcct	cgatggagcc	ctgggtgaag	ctctctatat	actggggccag	1800
catctgcccc	tggtggctgt	tggtctcata	ggccttggct	ttctccagct	gctccaccac	1860
cttctggagg	atgggcgcgt	agtccccccg	ggtcacctgg	aaagggttc	cccgaattc	1920
atagctcttc	agcttggaag	tcacctcaga	gtccagggaa	ggctctgagc	caagcacaga	1980
agccagccgc	acctcgtagt	agggcttccc	ttctccatcg	acctctttaa	gagccgggtg	2040
ttgtaggcac	tgaggttctg	tgagtccaga	aagtcctggn	caatttgga	tcttccatgg	2100
tacaattccc	agagaaatag	gtggt				2125

<210> 3296
 <211> 679
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (641)...(345)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3296						
ccagacatca	tcctagcact	taaggagctg	gaagcagagg	tatcatttaa	actacttcc	60
ctgcttccag	acatcatcct	agcacttaag	gagctggaag	gttgaacaga	aattcttctt	120
ggaatccttg	aagggtttaga	ctccattctt	aaagattgga	ttctgaatat	caggtaacat	180
ttttattttg	aatatatgta	tacagccttt	ttcaaaatcc	ctagggccac	tcttttgggg	240
gtattttaaaa	aatgtgttag	ctggatctga	ggcatcctgt	aatcaaaacc	aatatatatg	300
tagcaaaatg	aataacattt	ttcaaacttt	ttggacttca	gaattatgga	taacagattg	360
taacctcata	taaaatcata	cttttgcgct	ggggaacggt	cgtcacgcct	gtaatcccag	420
cactttggca	ggctgagact	ggcagatcat	ttgaggtcag	gagttcgaga	ccagcctggc	480
caacatgacg	aaaccccgtc	tcgactaaaa	atacaaaaaa	attagctgga	catggtggca	540
cccattctcta	ctcccagcta	cttgggaggc	cgaagaggga	ggattgcttg	aaccaggag	600
gtggagggtg	cagtgaagctg	agatcatgag	actgcactcc	agcctgggtg	acagagtcca	660
gactccatct	caaaaaaaaa					679

<210> 3297
 <211> 2228
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (72)...(956)
 <223> similar to gi3386611 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3297

ggtttgcttc	ctttcccagc	atcaatctcc	agcaaagtct	aaaagaagtc	cccaaaaggt	60
ttgggggatga	gagaggtgcc	attgttcatt	acacgattct	caataacccat	gtttaccgga	120
gatcttttagg	gaaatacaca	gacttcaaga	tgttctctga	tgagattttg	ttatcattga	180
caagaaaggt	ccttctccca	gatttagaat	tttatgttaa	tcttgagat	tggcccttgg	240
agcatcgaaa	agtcaatgga	acccttagcc	ccatacctat	catttcatgg	tgtggctctc	300
tggtttcaag	agatgtttgc	cttccaacgt	atgacatcac	ccactccatg	cttgaagcca	360
tgcggggtgt	tacaaatgat	ctcctctcta	ttcagggaaa	tacagggcct	tcctggatca	420
ataaaacaga	gagagctttc	ttcagaggta	gagacagccg	agaggagagg	ctccagttgg	480
tacagctgtc	caaagaaaat	cctcagctac	tagatgcagg	aattacagga	tatttctttt	540
tccaagagaa	agaaaaggag	cttggaaaag	ccaagttgat	gggtttactt	gatacttgta	600
cttaaagaaa	tgtggatggg	accgtggctg	cttacagata	tccatatctc	atgctgggcg	660
acagtctggt	tttaaagcag	gactcgccat	attatgaaca	tttctacatg	gcactagaac	720
cttggaagca	ttatgtttcca	attaaaagaa	atctgagtga	tttattagag	aaagttaa	780
gggctaagga	aatgatgaa	gaagccaaga	agattgcaaa	agaaggacag	ttgatggcta	840
gggacctact	acagccacac	aggctttact	gctactatta	ccaagtactg	cagaaatatg	900
ccgagcgcca	gtccagcaaa	cccgaagtac	gtgatggaat	ggaacttggt	cctcagccag	960
aagatagcac	agccatctgc	cagtgccaca	ggaaaaagcc	ttcaagagaa	gaactttgag	1020
tcagcccaga	atcacactcc	tgtgtatccc	ggctacactt	taaggaaaaga	ttgaatctaa	1080
gctgtgaagg	acagtataga	agactgcacc	aagtggacta	gttctcccgg	tggctttata	1140
tatgtagatg	gatataagcag	tactggttga	gtatccctca	tctgaaatgc	ttaggaccag	1200
gagtgtttca	ggcttcagat	tttttaagat	ttgggaatat	ttgcatgtac	ataatgaggt	1260
atcttgggga	tgagatccaa	gtctaaacac	aaaattcatt	tatatatttat	atataccttg	1320
ttcacatacc	ctgaaggtaa	ttttatataa	tattttta	aatttgtgca	tgaaacaaag	1380
tttgtataca	ttgaactgtc	agaaagcaaa	ggtgtcacta	tcttagcgac	ccaagtgggtg	1440
gtgtcagcac	tcaaaaagtt	ttggattttg	gggtatttca	gatttttagat	ttttgtatga	1500
ggaatgttca	acctgtattt	gaacgaagca	ttaccaaata	tcgattgaat	attaatatct	1560
tttgcgtaaa	aactgctatt	atcagcatca	tagtttctct	aaaaagaaaa	cttggggatc	1620
atagccgata	gagagacttg	ctaaaatata	aatcagcctc	tgcaaaactg	tttacctatt	1680
tattggttta	catattttat	tggttttatt	ctatcccctg	ttcacttttt	ctcttccact	1740
tccaattatg	aagagaaaat	atgtgttcag	ggttgtcccc	ccgccccccg	tcactgcata	1800
atctctcctc	ttacaagctg	cttttggtt	tcattaataa	cagcttcctt	ttagaaggctc	1860
tgataaggat	attttaaggaa	gaagagaatg	actctgttat	taaagggtggc	atggagactg	1920
tggaagggaat	atttttttaa	gcactactca	tatcctttta	actaaatttt	gccaaagccc	1980
gagacaacat	taaggagaaa	ttgtacctta	agttagtaat	tccaaatcta	tctgagttgt	2040
atacccatca	aagacaatac	agttattaac	atagatgaag	gtatgctata	ggcatcattc	2100
attatctcta	tattgaatag	gtgaaagata	actgtagtca	ggtgaaaggc	attcattatt	2160
tttaagctga	aaaggggatc	cttgaaaaca	ctgaaaacct	ctacaacaat	cttcaggaag	2220
cctgcttg						2228

<210> 3298
 <211> 2017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (107)...(296)
 <223> similar to gi2198815 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3298

tttcgtgcgg	gagatcacag	gtccccgccgt	cccgcgcctg	acctcggctg	aggacaggca	60
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ggactacctg	cccttccgcc	tatgggtggg	catctgggtg	gctacccttt	gcctgggtgct	180
ggtggccaca	gaggccagtg	tgctgggtgcg	ctacttcacc	cgcttcactg	aggaagggtt	240
ctgtgccctc	atcagcctca	tcttcatcta	cgatgctgtg	ggcaaaatgc	tgaacttgac	300
ccatacctat	cctatccaga	agcctgggtc	ctctgcctac	gggtgcctct	gccaataccc	360
aggcccagga	ggaaatgagt	ctcaatggat	aaggacaagg	ccaaaagaca	gagacgacat	420
cgtaagcatg	gacttaggcc	tgatcaatgc	atccttgctg	ccgccacctg	agtgcacccg	480
gcaggggaggc	caccctcgtg	gccctggctg	tcatacagtc	ccagacattg	ccttcttctc	540
ccttctcctc	tctcttactt	ctttcttctt	tgctatggcc	ctcaagtgtg	taaagaccag	600
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cccctggtgg	tggagtgtgg	cagctgccct	gcctgccctg	ctgctgtcta	tcctcatctt	840
catggaccaa	cagatcacag	cagtcacctt	caaccgcatt	gaatacacag	tgacagaagg	900
agctggcttc	cacctggacc	tcttctgtgt	ggctgtgctg	atgctactca	catcagcgct	960
tggactgcct	tggatgtctt	cagccactgt	catctccctg	gctcacatgg	acagtcttcg	1020
gagagagagc	agagcctgtg	cccccgggga	gcgcccacac	ttcctgggta	tcagggaaca	1080
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tcagctttgc	cctgtctggg	gctgcttttg	gataatcaag	tctacccctg	cagccatcat	1380
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gtatcagcca	aaggctccag	aaatcaacat	ttctgtgaat	tagctggagt	aggagtctgg	1620
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gacctcagtt	acctcctgac	ctgaggggtg	agagtggcag	gaagcaagca	tgtttgctgt	1800
gcacttagga	aaggctggtg	agccagaggg	actgatcagg	ccccattcac	tctctactca	1860
ttaaaaggtc	ctgagccacg	aagcgcttcc	cattttgaac	tttctgtcct	cacagattct	1920
gtttgacaga	atctaagggc	catcagggaa	ctcttttcat	cttgcaaaga	gaaaaagcca	1980
gtctttccag	aataaatatt	catctgtttg	aaataaa			2017

<210> 3299
 <211> 1056
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1046)...(9)
 <223> similar to gi5917666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3299
 tttcgtgttc tgggaacgca gcagtgaccg gcctgtccgg tggttccctg ccagggtgcgg 60
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 ggaggggaat ggggtctgagg cagcctctgc cgggctggcg gcctgtctgg ctgcgcgtcc 180
 tgcagcaccg gcctcacccc cagcacacgc ccgccaggag cgcaggggcc ccgaggatgg 240
 aagcgtctgt ctgaggcgct gtcctgggac cccaccccgcc cttcggggct gatgcacaga 300
 ccgggaattg aggataacctg gtgtggagga ggccgctgtg tttgggcctg ggtctgaagg 360
 gtgagtgggt gtcattgtgg ccacggggccg gggtcggggg agcattcagg tggccggagg 420
 aggcctggca cagggaaggg cagtgagggg cccgggtggg gccaggagat agagggggcg 480
 gaccaggcct gtgggacagt ttgaatcacg cggggagttt ggtctttatg ggaagaaagg 540
 cgccgtggcc attcggagag ccaactctggc actgctgccg gtgcggtccg gggctgcggg 600
 gcctcctcct gggcctgaac tgcagggtctg gtgggggcca tgggggaagg tggctccaca 660
 ggtccccgga gctggggggag caggaggatg gggttgacca ggagggaaag ctatggagct 720
 ggagaatgca ggaggccccc gaggggaggt gcagccagcg ctggtgggga ggcctctgag 780
 gggtagcgcg taattgacat cacgggtgtg ggtgagagtg gctttcaaag catcggtctg 840
 agcaggggtcc ccattaaagc cagagacgct gacgccatgg ggctgggggt ggggctgggc 900
 cggggctttg ggaggtccga actccccagc agggagccag ggctctgggc cagttcccag 960
 gccaggttaa tcttcagtag aatcgatcga ccttggtctc gaggggttga ggcagggatg 1020
 ggcaaaggtg gaggggtgag gcgcacgaat ggcgaa 1056

<210> 3300
 <211> 430
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (36)...(283)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3300
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 ctgtgcagga cttctatgcc aaaattataa agcactgacg aaagaaagtg aaagggatct 120
 aagtaataa ggagacatac catgttcatt aattttaaga ctcaacatag caaagtcgtc 180
 aattcttccc aaatggatgt gggtttaatg caattcctat caaaatctca gcaatagtgt 240
 ttctagataa agacaaaatt attctaacat ttacatggaa aagcaagtga actagaatag 300
 ctcaaacaat tctggatgaa aagaacaaac tagtaggaat caatttcaat atagctacgt 360
 aatcaagacc ctgtggtatt gctgaagaaa cagacacata gatcaatgga actaacacaa 420
 tatacccaca 430

<210> 3301
 <211> 2248
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1973)...(1345)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3301

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ctcctccacc	tctccgcccc	ctccgggctt	ggctctccca	ggaggctacg	actggagcca	180
ctgggtcccg	aggatccccg	cgctctcggt	cgccgcgtcc	acgtccctct	cgcgctccccg	240
cccggcgcca	cgccgcctcc	tctgggttcg	gcctccgcgc	ggtgcagcgc	agtctcaggc	300
cgcggggaaa	gccccgactta	aatctctgca	atggctaacg	aagcttatcc	ttgtccgtgt	360
gacattggcc	acagacttga	gtatggaggg	ctaggccgtg	aagttcaagt	cgagcacatc	420
aaggcttatg	tcaccaaata	ccccgttgat	gcaggcaaaag	ctgtgattgt	cattcaagat	480
atatttggt	ggcagttgcc	caataccaga	tatatagctg	acatgatctc	aggaaatgga	540
tacacaacca	ttgttccaga	cttctttgta	gggcaagagc	cttgggaccc	ctctggcgac	600
tgggtctatct	tccctgagtg	gctgaaaaca	agaaatgccc	agaagatcga	tagagagatc	660
agtgtctatct	tgaagtatct	gaaacaacag	tgtcatgccc	agaaaatttg	catcgtggga	720
ttctgctggg	gtggaactgc	tgtccatcat	ttgatgatga	aatactcaga	attcagggca	780
gggggtgtccg	tctatggcat	cgtcaaggat	tctgaagaca	ttacaatttt	aaagaacccc	840
actttgttca	tttttgctga	aaatgatgtt	gtgattccac	tcaaggacgt	atctttgctg	900
actcagaagt	tgaagaaca	ctgcaaagtt	gaatatcaaa	ttaaaacatt	ttctgggcag	960
actcatgggt	tctgtcatcg	gaagagagaa	gattgctcac	ctgcagacaa	gccctacatt	1020
gacgaggcca	gaaggaattt	aattgagtg	ctgaacaagt	acatgtagca	agaatcaagg	1080
gcaagccttc	ctagaatagc	tttcatccca	aaatttgctt	ggaaatagtt	agatcatttg	1140
atttaatttt	cacttttata	aaataagtgt	aggaatccta	aaattgatta	tttcatttga	1200
aacacaaatt	cagtaggacg	taatgcatga	aataatttaa	tttttgacat	gtacatcgaa	1260
tcataattta	aaaacaaggt	ctgaccaggt	gtagtgcctc	atgcctgtaa	ttccagcact	1320
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atgggtgagac	cccatctcta	caaaaaatac	aaaaattagc	ctgggtgtgt	ggtgcacgcc	1440
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actgcagtga	gccaagattg	tgccactact	gtactctagc	ctgggcagca	gagtgcagacc	1560
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tggagaattt	gaatgataga	gaatgataga	gtaataccct	aattattagt	taaaacctac	1680
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taaaaatata	aaaatcagcc	gggcattggtg	gcatgtgcct	gtaatcccag	ctactcagga	1860
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agctgttcaa	ggaccagctg	acaggtcaag	tgtggccttt	tctggtcttt	gaacacatca	2040
tagaaagtga	caaagtctgc	aaagccatga	agaacatgaa	ctataaacgg	gtagactaac	2100
tgccagctt	agacacttat	ctatgccaca	aaacagctga	atgtgtcaca	tttatatatt	2160
gcaatatggg	aagtattgag	atcaaaacag	gattccattg	acctaattat	attaagctaa	2220
taaactaatt	ttttgaattt	ttgaaaaa				2248

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<210> 3302
<211> 2352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1238)
<223> similar to gi36603 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3302

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cggctccggg agctctgtca acagtggcta cagcccgaga cccataccaa ggagcagatc      60
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gtgcaggagc atcacccaga gagcaggagg gacgtggttg ttgttctgga ggatttgcag      180
ctggatcttg gagaaacagg acaacagggt gaccagacc agccaaagaa acaaaaaata      240
cttgtggagg agatggcccc tctgaaagga gtacagggaac agcaggttcg gcatgagtgt      300
gaagttacaa agcctgagaa agagaagggt gaggagacaa ggattgagaa tgggaagctt      360
attgtagtaa cagactcttg tggaagagta gagtcatctg ggaaaatatc tgaacccatg      420
gaggctcata atgagggtc taacttggaaggcatcagg ccaagcccaa agagaagatt      480
gagtataaat gctcagaacg tgagcagaga ttcattccagc acttggaacct gattgaacat      540
gcgagtacac acacgggaaa gaaactctgc gagtctgatg tgtgtcagag ttccagtctt      600
acaggacata agaaagtcct ctcttaggag agaaagggtca tccagtgttc atggagtttt      660
ggggaaagcc ttccagagga gttcacacct cgtcagacat cagaaaatcc atcttggtga      720
gaagccttat cagtgcattg agtgtggcaa agtccttagc cagaatgcag gccttttgga      780
acatctcaga attcactctg gagagaaaacc ttatctatgt atccattgtg gaaaaaattt      840
taggcgcagc tctcacctta atcgacatca gagaattcac agtcaggagg agccctgtga      900
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ccatagtcac tccaaaagcc atcaatgtaa cgagtgtgga aaagctttca gtttgacctc     1020
agaccttatt cgacaccaca gaattcatalc tggagaaaaa cttttcaagt gtaacatatg     1080
ccagaaagcc ttccgactaa actcacacct tgctcagcat gtaagaatcc acaatgaaga     1140
aaaaccctat cagtgtagtg aatgtggaga agccttcagg caaagggtcag gtctttttca     1200
acatcagaga tatcaccaca aagacaaact ggcttgatga ggtgttctct cctttagtaa     1260
catcagagaa ggcacattga ctagcaaaca gcactttagg aaaagtcacc gtagccact     1320
gtggcatcag aaaattcttg ggggctgagt tggaggctcc ctgcctctat tctctctcct     1380
ttgctttcct tgaagtcagc tttggaccac aataatttca ctgtagatga tatgctagga     1440
tcaaagttaa acagcattct tcaactgcagg acatctcaga gcatgtaaca taactgcatg     1500
attatatact ctaagcaata gagagcttca tgactgagta agagttttga agtcagcagt     1560
gaatcaagtg cccacagatt tgcaggctta agcagaacaa gggaagattg atatttttg     1620
atatgtata gacagctttct cctatgaaat aaaactgatg atgttttgga gtatactact     1680
ctcaaagggt tctttaaagt acaggttaat ggtgaacatt ttccccagc ggcttcacct     1740
cattcctccc actggcctta ccccttcctt cccagtgga agcattttca aaagcaaaga     1800
taattttcgc tgggtgaactt cagaacttgc cttcagggtt agcttcatgt aattttacca     1860
tttcccatcc ccattcccca ccacattatg tcaagattca agttataaat taacgtttta     1920
cttagacttt gaaagagatt tcatgagtaa tttgaatgaa ctttgctgaa ttaatctgaa     1980
tagcaactgt ctgacttgat aactccagtg ccagtatagt ggctgctgca tagacactat     2040
tcagtaaagt tctgatgaaa gaaattggac tttttccctt taatactgat gatgcaattt     2100
tgaaatgttg cttgttcttg aatacttcgg aagttaaaca ataaagtcag cttggagagg     2160
agatcatgat ctttatactg tgaatagcag aatgtcacag atgaagaata ttaaaattag     2220
gggcgtccac tccaaaacat atcaccagag tgacaacttc agccctcagc ctctgcaatc     2280
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<210> 3303
 <211> 2900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2637)
 <223> similar to gi4028015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3303

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cgaaagt	ggctggcg	cgcgacgt	gagcaagt	ccttggcg	cgggccgga	180
gccgacaa	acgggacc	gctgctgg	ggcgggcg	gcgacgagg	gcagcgagg	240
accccg	gcatcg	cctggcca	accccg	gccgccag	caagagaa	300
aacgcca	accggcg	ccaaact	atctacg	ccctggag	accgcg	360
tgggcgt	tttaccac	cgttggt	cctgatt	ctaggggt	ttgattct	420
ctgtcct	ccacatt	ggagtat	actgtct	gagactgg	tctgttact	480
gagacatt	ctatttt	cttggag	gagttgt	tgaggat	ggctgct	540
tggtgct	gatacaa	ctggcg	cgactga	ttgccagg	gcccctgt	600
atgttgga	tctttgt	gattgc	gtgccag	ttgctgt	aaaccaag	660
aatgttct	ccacctc	gcgaagc	cgcttc	agatcct	catgctg	720
gatggacc	gagaagg	cacctga	cttctgg	tcagccat	gtgcccac	780
caaagaac	atcacgg	ggtacat	tttctga	ctcatc	cttcatt	840
tgtctacc	gttgagaa	acgtccc	ggtggat	caaggag	agatgaa	900
ggagttg	acctatg	atgccct	gtgggc	atcacact	ccaccatt	960
ctatggag	aagacacc	aaacgtg	aggccgt	attgccg	ccttttc	1020
aattggcg	tcctttt	cccttc	gggcatc	gggtccg	tggccct	1080
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cattcagg	gcctgg	attatgt	caaccca	aggattg	tggtggc	1200
atggagat	tatgaat	tcgtct	tcctttc	aggaaag	agctgg	1260
agcatcc	caaaagt	gtctct	tcgggt	ctttcta	ctcgtg	1320
caatacta	ggaaagt	ttaccc	gaatgt	gccatag	aaagtc	1380
taaagaac	aagcctg	gttaa	ttaagag	ttccgc	ccttcg	1440
gaaagc	gctttct	agagtt	agatgc	acaggtg	ccatgg	1500
agacagg	tatggga	acttccc	cgaagac	atcccc	tgaagg	1560
catccga	gtcaga	tacaatt	tctctat	aaaaa	aggagac	1620
gaggcct	gatgtga	atgtgat	gcagtat	gccgggc	tcgacct	1680
ttccagg	aagtac	agacgag	agatat	ttcacc	gacctcc	1740
cacgca	cacaaga	ctcagaa	gtcagca	accttcc	cccagca	1800
ttccagg	gaaccat	taggcc	catccac	cagaaat	aagacca	1860
gcattgat	gggaagt	ttaaa	gaaagg	gtttcag	ctgggag	1920
agctggac	cctcgtg	atgcac	aacacat	acggttg	gtgcagg	1980
cggagtata	cccaacca	ggcacct	cgccag	agcagag	aaggagg	2040
acaggatat	cgatttg	accatca	gcaact	tgagac	ccccgg	2100
caccctac	cttcacc	gtgacc	acaaagt	cccctat	tttttgc	2160

atgaccctgt	gaacctgccc	cgagggggac	ccagttcttg	aaaggttcag	gcaactcctc	2220
cttcctcagc	aacaacgtat	gtggagaggg	ccacggtcct	gcctatcttg	actcttctcg	2280
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tggccccacc	caggcagggg	cttcccacag	cctcttctc	cccattgtac	cacaacaaag	2820
tgttctcttt	tcagcatggt	ttgcatgact	ttacactata	taaatggttc	ccgctaattct	2880
cttctaggat	aaaaaaaaa					2900

<210> 3304
 <211> 1911
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1881)...(1582)
 <223> similar to gill177607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3304						
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agcgggaagg	gcggggggtt	cgctgggcat	cctgtctggg	gcatctgtct	gggactctgt	180
tgggtgcctct	cacctggcga	ggggcctgtg	gtgggggtag	gggggaagtc	cctggcgcca	240
tgtttggcca	agccctgctc	tgctgggctg	cgggctggcg	gcgctcacc	agctcctcac	300
ctgtcccgc	tcttctgtt	tttcttcc	ttctggttgg	gcagcgagag	ttgagaggag	360
gcagatggct	tccatcccag	aaatcgctct	cctctttcca	tccctacaga	gagggacaga	420
gaggcaaaag	tccttgcatc	ccccggggca	ctgtccctgt	gagctcccgg	tgtcctgcac	480
atgtgagccc	ctgagtcacc	gggcctgtga	gtgtgggatg	gggctccgtg	gccagcctgg	540
cctcctgggg	ttcactttgt	gctttcctac	gccaaactct	cctgtgtggc	tttgctggcc	600
ttccactgag	gaggcacata	ggtttggagg	acagatgagg	gccactgga	gagctgtacc	660
cctcagttag	ggccgccacc	ttgatggttt	ttgatggata	atgggggttg	cctctttgtt	720
ccttccacat	gtttttatgt	ttgaccattt	gctcagctga	gcttgtctta	ataattggat	780
tcatgggttaa	tgagcccac	atgggcgaga	gggtggcctt	cattctgaac	ccatttaggc	840
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ttaccgcatt	cagagcttgg	gtcacctgga	cactgaactc	aggtgaattt	tctctgagat	1020
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<210> 3305

<211> 5433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(2065)

<223> similar to gi5902966 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3305

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<210> 3306
<211> 895
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (802)...(236)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3306						
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agaggagaag	aacttggtgc	cttcttacga	actgctttaa	cgtttagcgtc	gctgggggta	840
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<210> 3307
<211> 2130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (685)...(1841)
<223> similar to gi5524739 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09483725.012100

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<400> 3307
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cacctgggga gaatctgcaa aggtgttgct ggaacagaca tatttctagt tgtatgaggt    360
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<210> 3308

<211> 3569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2856)

<223> similar to gi219944 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tgaagaaaga	aatggtgtca	atgtcgtcag	tggctcctgtg	tttgactttg	attatgatgg	2460
accgttgtga	ttccttaaga	gaatctgagg	caaaaaagaa	gagtcacatc	cgtaacccaa	2520
gaaaattttt	ggattcccaa	ctccacttcc	ttttattggg	gctaacaagc	tgttaaagat	2580
acatctcaga	cgcttttgca	ctgtggaaaa	cctaggacac	cttaggcttt	ccattttgcc	2640
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gggttgaaaga	attcgtttaa	tgtttacaca	gagcacccga	tcacaggatg	ttgaggcaca	2760
tcacttggac	tcagcttcta	tcaacaaaga	aaagagccag	tttcagacat	tttaaagttg	2820
aaaacacatt	tgccaacctt	tagccaagaa	gactgatatg	ttttttatcc	ccaaacacca	2880
tgaatctttt	tgagagaacc	ttatatttta	tatagtcctc	tagctacact	attgcattgt	2940
tcagaaactg	tcgaccagag	ttagaacgga	gccctcggtg	atgcggacat	ctcagggaaa	3000
cttgcgctact	cagcacagca	gtggagagtg	ttcctgttga	atcttgcaca	tatttgaatg	3060
tgtaaacatt	gtatacattg	atcaagttcg	ggggaataaa	gacagaccac	acctaaaact	3120
gcctttctgc	ttctcttaaa	ggagaagtag	ctgtgaacat	tgtctggata	ccagatatatt	3180
gaatctttct	tactattggt	aataaacctt	gatgggcatt	ggggcaaaca	gtagacttat	3240
agtaggggtg	gggtagccca	tgttatgtga	ctatctttat	gaggaatttt	aaagtggttc	3300

tggatatctt	ttaacttga	gtttcatttc	ttttcattgt	aatcaaaaaa	aaaaaattaa	3360
gcagaagcca	aaatactttt	gagaccttgt	ttcaatcttt	gctgtatatc	ccctcgaaaa	3420
tccaagttaa	taatcttatg	tgttttcgtt	ttaaattttt	tgattgggag	tttctttaga	3480
ttttaatggg	tccaaaggag	ttcaactttt	gaggggacga	tctttgaata	tacttaccta	3540
ttataaaatc	ttactttgta	tttgatattt				3569

<210> 3309
 <211> 1052
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(653)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3309	
tttttttttt	60
ctcggtcac	120
agtagctggg	180
agacgggggt	240
gcctcggcct	300
acgcccggcc	360
tctccctct	420
tatttttttt	480
tctcggtca	540
gagtagctgg	600
gagacggggg	660
cgctcgggcc	720
tccccaattt	780
gtccagccca	840
aagaaccctg	900
agcggataag	960
ggacagaggg	1020
agccctaaag	1052

<210> 3310
 <211> 2575
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2371)...(1792)
 <223> similar to gi3874338 in the genepept database release 114,

001270"524840

Run with FASTXY 3.3t00, default parameters

09488735.012100

```

<400> 3310
ctgcggcccc tgccggttac ataactcggt gcgggctccg cgcggtccca cttcccggct 60
cccttcgcct ccaggatgcg ctgagcccta caacaccccc agcgggccgccc ggctccccca 120
cgaggtgtga atgacagagg tggtgccatc cagcgcgctc agcgaggtca gcctgcgcct 180
cctctgccac gatgacatag acactgtgaa gcacctgtgt ggcgactggt tccccatcga 240
gtaccagagac tcatggtatc gtgatatcac atccaacaag aagttctttt cccttgctgc 300
aacctacaga ggtgccattg tgggaatgat agtagctgaa attaagaaca ggaccaaagt 360
acataaagag gatggagata ttctagcatc caacttctct gttgacacac aagtcgcgta 420
catcctaagt ctgggcgctc tgaagaggtt caggaagcac ggcatagggt ccctcttact 480
tgaaagttta aaggatcaca tatcaaccac cgcccaggac cactgcaaag ccatttacct 540
gcatgtcctc accaccaaca acacagcaat aaacttctat gaaaacagag acttcaagca 600
gcaccactat ctcccctatt actactccat tcgagggggc ctcaaagatg gcttcacctta 660
tgtcctctac atcaacggcg ggcacccctc ctggacgatt ttggactaca tccagcacct 720
gggctctgca ctagccagcc tgagcccctg ctccattccg cacagagtct accgccaggc 780
ccacagcctg ctctgcagct tctgccatg gtcgggcac tcttccaaga gtggcatcga 840
gtacagccgg accatgtgat gtgcgctggg cagccgccac caggccccac ccttcggccg 900
ccgcagagc ccgccttcc gtccatctga ccccttctgt tttctgcaag gagctgccag 960
ccatctaact gggctcgctc gcctgcccc gctgcaggcc cgggtgctaca cgggctcggg 1020
aacagaacat cgtgggcatg cgagagcat gccatccgt ggcaggtag ccacagcaga 1080
cacaaaggct cttcagctcc cctccctgct tctggaaacc tctgcctgct gccctggccc 1140
tgccccctg cgcatgcacc atccccagg ctgacccagt gtggctgcat tccctgggag 1200
gggcctgccc tccctgggccc tctccactc cgtgcctgt tcttgagct ccttccctgga 1260
aagctggagg ggactttctc ctgcaaggga ggaacgcaag tattatggac aacttgacc 1320
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cagaaccagc ccaaagaagc ctgggggggt aggagtggcc cccactcctc catgaggggc 1440
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gccccctggc acaggcggtc acgcacagc acggttccca ctctcagca ccttccgtgc 1560
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gccacaagct gctgctccaa ggccctggcca catgcagaca ggaggaagct gagctcgaca 1740
ttaggcctca aggctgccat ctgtcttgta gggcctggcc ttgtgggcag ggggcagctc 1800
tgtgccttgt gggccctcag cctctgaggg cagagatgct gtcagtgcgc cagggtgcac 1860
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gccatggcag agggctcctag cggcgccacc ctgcccagc ctgaggagga gggagaggga 2040
ggaacaaccc tgggcagacg ggggtctcagg gacctgtgtc cttccgcctc cagagctgcc 2100
cagccacggg ctctcagggt gctggggcag ccccagggtc cctcttgaa tcagctgggg 2160
ccaggggccc tcagaatgaa ggcaggcacc aggcaggagc agcatcccc tccttgacgg 2220
tgctggcagg agggccgcgc catgctgact gcttgaacct ctgctgacct gacagtgtg 2280
gcgggagggc cgcacctgct tgactgctg aatctctgct gaggctgcct gcctgccggg 2340
ccagctcag cgcctctcc actgcgaatc agtggcgac atgtgatttc tatttctgcc 2400
ccacagggtg agggacagct cttctggaag gctctgccat ggacatttgt cctcgggctc 2460
agaggcccca cctgcccc caactgcccc taatcactgc agtgtccagc ccagtgttga 2520
acagattgta gcgttctgtc tcattacgag caaataaata gactttcatt ggaaa 2575

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<210> 3311

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (409)...(131)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3311

gcaaat	taag	acaggag	cag	ctcctggg	ag	aagcagac	ac	caaaca	atac	ggctgct	ggc	60
ccagag	gtca	aaaacc	atgg	cctagagg	gg	gcggtc	agga	agtggg	acat	taggcc	gggc	120
gtgggt	ggccc	atgcct	gcaa	tcccag	catc	tttggag	ggcc	aaggca	agtg	gatcac	cctga	180
gttcagg	agt	ttgagac	cag	cctggcca	aac	atggtg	agac	ttcgtc	tcta	ctaaaa	atac	240
aaaaaaaa	att	cgctgg	gctt	gggtgg	cgggt	gcctgt	aatc	ccagct	actc	gggagg	cctga	300
ggcaca	agaa	tccctt	gagc	ctgggg	aggg	agaggt	tgc	gtgagc	caa	atcgca	ccac	360
tgcact	ccag	cctggg	caac	agagca	agac	tccatc	tcaa	aaaaaaaa				408

<210> 3312

<211> 1931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1774)...(1255)

<223> similar to gi3212854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3312

tttttt	ttttt	ttgggt	gttt	tattatt	ttat	ttactt	gaca	ggtaac	atcg	atttgg	tcct	60
acaaga	cacc	atgctat	agg	cttagc	tact	tgctgt	tgca	caagaga	aact	ttcctg	aact	120
ctcagga	agc	ccttgca	tgg	cctatc	gagg	acagct	cagt	cactga	aggg	aaaaat	tcca	180
taccaa	agaa	gagaga	aaaa	ttccata	acca	aagaac	agac	ttcccc	cagg	gaacct	ccgt	240
cctacag	ccc	ttcagg	ggcca	tcacact	cac	acacat	cagc	catcat	caaa	atagtg	ggcca	300
tgctggg	aag	aacagg	agtc	ctgaact	aga	aggtgt	gctt	caaacc	atgg	cgtacc	gatt	360
tatgtat	att	acagata	gat	aaatta	agag	gtctac	atga	ataaaaa	aatc	tctcaa	aggg	420
gaacga	attc	cattct	gtca	tgccagg	tgt	ttgtc	agaac	cttgaaa	acg	aaggtg	gttt	480
tcagtgg	agc	ttgtat	tataa	aataga	aggt	atttata	cac	aggccct	gct	cctctc	atgg	540
ccatgaa	atc	ctctgt	gtgt	gtcagg	agcc	ctggg	caacc	tcagca	cccc	tacggg	tagc	600
ccatctg	cag	tctgca	tctt	ccggg	agagc	agggg	actcg	taccggg	gct	tttctc	ctgg	660
gtcccc	atct	cggctt	ggcg	acgcct	ccgg	acccag	gggc	tgccag	aggg	agtga	cgtg	720
ctgtcag	agg	aataat	ccat	acactt	gcgg	aagatc	tcag	ggctgt	gtgt	gcagtt	cagt	780
ctacct	tcct	ccgccag	tgg	ggactt	tctg	gaaacg	cctt	tgcg	ttggg	caagg	gctg	840
ctccaag	gac	ttgtgc	cagg	ggagg	cat	tt	ggact	cagaa	agag	attc	tg	900
gggctg	agct	tg	ttggt	ggc	cgcgt	gccgt	cggccc	gcca	tagggg	atgt	ggggtt	960
tcgggg	gtcag	aggag	ctgtt	ggcaga	agac	tcatca	ccca	tgtact	gaag	ctcctc	gact	1020
ctcttg	ttca	gggact	ttgt	caggtg	gatg	ctcgca	gtgg	gtcctc	gctc	atgatt	tttg	1080

```

tctttggcag gtttcttttt ggggtggcttc ataccaatca ggacagcttt catgtttctct 1140
ttgccctgag attctgtgat catgaactca tgggctttga tggctgcttc cacctcctcg 1200
aactccacga tggcacactc ctgggtcccc acttggctgt agcggctgct gatcctccgg 1260
atgtcagggg gcagctctct cccagggttg aggatccgca ctgatgagat gactccaaaa 1320
gtcccgaaaa gcttgagcag gtgttccatc accttctctt gcacccttcc attcttctgg 1380
ggggtggcca gagcccacag cttaggagac aagtagagat catagcccag gagcatcttg 1440
ctggggagggt tctcgttggg gaacagtggg acgggggtgg tcctcctcac cttccggtgg 1500
tcctcattca actcaaggac cactgaatac ttcaaagcat gtgctgtggt tctccagtcc 1560
cgtgtaagat gtttcacctt tttgaaggat gtgagtagct taacgctcac atatcccagc 1620
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tgctccagggt cctcacgctc gttctcacct ccacttgcag tggtgccact gtgcccgcgg 1800
ctcggctcct cctcgctcgc gctgccccag cgggggctga ggtaccgggc cggtccccg 1860
gcgccccgag tctccgcccc aacctcatcg tcctccaact cgtccacgct ctcggcctct 1920
tggcctcgtg c 1931

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<210> 3313
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(155)
<223> similar to gil799988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3313
gaattcgagc tgcgcgacccg gagatccgta accgtgagaa gacccatcat tatgcccga 60
tgggttacac agaataattat gaatggccgc ggcgttaatc gtctggatga tgttaatcgg 120
ccaaaaagcc cggaaatcaa gaacgatatt cgtctgttcc gccaggagct gcgtgatgcc 180
gcttatcatt tccaggggcg tgccgacaac gatcagcttt ctgtaacgcc gctagtgggg 240
ctggggaaat cgagtctgtt gaacaagacc attttccatc ttatgccttg tgccgagcag 300
aaactaacca tctgtacgcc atacttcaac ctgccagcaa tccttgtgcg caatattatc 360
cagttgctgc gcgaagggaa aaaggctcgaa attattgttg gtgataaaac cggaatgcc 420
ttctacattc cgtacgatgc gcctaacatg ataatcgga cgggtgcttca tctctatacg 480
atgtacgggt cgcgacattg aattcgtaat c 511

```

```

<210> 3314
<211> 1227
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(270)

```


<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3314

cagttttttt	tttttttttt	tgctgcatga	ttttattact	ataaatatac	agtaaaaaacg	60
aaccaacgat	gagcccatct	gagcacatca	gacggcagca	catgggagtc	ccagcggggcc	120
actctgcggc	ccgaacttca	cgcaaagctc	tggcaccagg	actgatggcc	agaggctggg	180
gccttggtgg	gggcgggggg	cgggcggtgc	agggggctgt	gtgtgttgtt	ggggagaggt	240
gcatgggggg	agagaggtgc	ttgggggtgg	gtagaggtgc	gtgggagatg	ctcgggtccga	300
gtgcacacac	atgcatggga	acatgtgcag	gagtatgtgc	gtgtgtgtat	gcgtgacagc	360
atgtgtgagc	gtgagtgtgc	atgtgtgaac	gtgtgcgtga	gcatgtgcaa	gtgggcgtgc	420
atttgtgtgt	gtgtacgtgt	gagcgcattc	gcgtgcctgt	gcacgagcgg	gaggggtggc	480
tggcctgggt	gtgcagggag	ctgggtgtga	ggaccgtgct	gtccactgct	gggtctcgcc	540
caggaggcag	agctcatgct	cggagccacc	gtgagcctca	gggagggtac	tgagctgccc	600
cacagccgac	ctgtccccag	gccccactg	cagggcagcc	ctccagagcc	aggtgagcag	660
cagacacctt	gcctggccca	aggctccgca	ggggtggatc	catgccctgg	gtcaccacgg	720
cccaggcact	ccctttgcca	tctgcggccc	caggaggttt	acctataaaa	aaaacaaaaca	780
aacaaacaaa	caaaacagga	cgaggtcgcc	cagaggccaa	gcctccccgg	ccgggacccc	840
attccccagg	tgtgctgctg	gcttcctcct	ccctgggccc	agcctgccac	agaaagcctg	900
agacagaaca	aaccaaatac	gagagaactg	caagggggcc	gggcgcggag	gctcacgcct	960
gtaatctcag	cactctggga	ggccgaggca	ggtggatgac	cttaggagtt	tgagaccagc	1020
ccggccaaca	tggtgaaatc	ccttctctac	taaaaataca	aaaaaattag	ccgagcatgc	1080
tggtaggcac	ctgtaatccc	cagctactca	ggagcctaag	gcaggacgat	cacttgaacc	1140
cgggagggcg	aggttgagct	gacccgagat	tgagccactg	cactccagcc	tgggcagcaa	1200
gagtgaact	ccatctcaaa	aaaaaaa				1227

<210> 3315

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1401)...(1143)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3315

gacttccgac	gagctgggtc	ggggacacgg	tgaagaggct	ccagcgggac	ctgccccatca	60
gtcctggggc	aggaggggct	ccaagcagca	cccagcggtc	cgggggagtc	tcagaccggg	120
catgcgtggc	tggcagacct	gggagagcca	gggcagggtt	ttgcgttcag	agaaggattg	180
ccccagagac	ccgtggtgga	cttcatgggt	gctgagtggc	ccgtgtgaca	gtgatgacac	240
gaaggcttcg	gcgtttgagt	gggtgcaggt	gcacgccagg	gcttgggtgt	tccctgcctg	300
gccctggagg	gagctgggtg	gcctggcttc	aggggaagac	aggagccagg	acacacgtca	360
gcccagcagg	tgtggggggg	gctgcagccc	tcggcagtgg	ggtcaggccc	tgggggatgt	420
ttccaatggt	gggcagcctg	gccaggccgg	agaagacatg	ttcacgggca	tctatcagat	480
gcccccttga	ggaggctgag	ttatttgagg	gctgctgcaa	agtacgctag	gctcaaattc	540

tcttttccca	gccagagccc	tggccacacg	gactcagagg	ggccaccggg	gtgggggaaag	600
gaccctccc	ccaccccccg	cagccactgg	cctccagctc	tcggccacag	aatggcctct	660
aaggctgact	cagccgctcc	cttgggctgt	ggcagcagga	ggcgggggct	ctggctcagg	720
ccccggagcc	tgtgcagctt	gcccattggc	ctaggcagcg	aggggacagc	ctgggggact	780
tctgcctag	gcaaggtc	at	tggccggg	tgccctgtgg	atagtggggc	840
cccaggccaa	atgagtggc	tccttggtat	gacaccaagt	gactacaagg	gaggcaagac	900
ccctccaggc	ctctcagccg	acactgggtc	ccaccacaca	cagtgactgt	gccgtgcagt	960
gcaggttctg	gccttttcc	tgaaggcatc	tggtagaccc	gaagccacgc	tctcggggccg	1020
cacatgcacg	ccgcagcacc	agctgccctg	agctgcttgt	acaaccaa	acctttcccc	1080
tcttctccag	ctgtaacctg	gagagtcagc	catgccttgt	cttttgttct	cataaatagt	1140
cactggggcc	gggcgcagtg	actcacgcct	gtaatcccag	cactttggga	ggccgaggtg	1200
ggcggatcac	ctgaggtcag	gagttcaaga	ccagcctggc	caacatgggtg	aaaccccgtc	1260
tctactaaaa	atacaaaaat	tagctgggtg	tggtggcggg	cgctgtaat	cccagctact	1320
cgggaggctg	aggcaggaga	atcgcttgaa	cccaggaggt	ggaggttgca	gtgagccgag	1380
atcgcgccac	tgcactccag	cctgggtgac	aagagtga	ttctgtctca	aaaaataaat	1440
acataaataa	ctaagactca	gagagtacag	tcaagatatt	aatagtcaaa	agttgtcgca	1500
acag						1504

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<210> 3316
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (419)...(143)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3316	
cagtccttgt	tccccagga agggctggtg ggccccagca cacacttggg attatgtgta 60
tacataaata	aatattgggc tgtttccctc ttctgtgaa gtggttctca aattcctatg 120
tactgtaaag	ctgtaccctt aaaagtacag atgtggccgg gcacagtggc tcacgcctgt 180
aatcccagca	ctttgggagg ctgaggcggg tggatcactt gaggtcagga gttcaagacc 240
agcctggcca	acatggtgaa acctcgtctc cgctagaaat acaaaaatta gccaggcgtg 300
gtggcgggca	cctgtaatct cagctactcg agaggctgag gcaggagaat ctcttgaacc 360
tgggaggtgg	agattgcagt gagccgaggt cgtgccattg cactccagcc tggacatcaa 420
agtgagactc	aggccaaaaa aaaaa 445

```

<210> 3317
<211> 1198
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (174)...(803)
 <223> similar to gi3169037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3317

aaaatctttc	ctctaaagtc	aaactgttgc	agttgtattc	agaggccagt	gtagcgcttc	60
taaaactgaa	taaccccaag	gattttcaag	aattgaataa	gcaaactaag	aagaacatga	120
ccattgatgg	aaaagaactg	accataagtc	ctgcatatct	attatgggat	ctgagcgcca	180
tcagccagtc	taagcaggat	gaagacatct	ctgccagtcg	ttttgaagat	aacgaagaac	240
tgaggctactc	attgcgatct	atcgagaggc	atgcaccatg	ggttcggaat	attttcattg	300
tcaccaacgg	gcagattcca	tcctggctga	accttgacaa	tcctcgagtg	acaatagtaa	360
cacaccagga	tgtttttcga	aatttgagcc	acttgcctac	ctttagttca	cctgctattg	420
aaagtcacat	tcatcgcatc	gaagggtgt	cccagaagtt	tatttaccta	aatgatgatg	480
tcatgtttgg	gaaggatgtc	tggccagatg	atttttacag	tcactccaaa	ggccagaagg	540
tttatttgac	atggcctgtg	ccaaactgtg	cagagggtcg	cccagggtcc	tggattaagg	600
atggctattg	tgacaaggct	tgtaataatt	caccctgcga	ttgggatggg	ggggattgct	660
ctggaaacag	tggagggagt	cgctatattg	caggagggtg	aggtactggg	agtattggag	720
ttggacagcc	ctggcagttt	ggtggaggaa	taaacagtgt	ctcttactgt	aatcagggat	780
gtgcgaattc	ctggctcgct	gataagttct	gtgaccaagc	atgcaatgtc	ttgtcctgtg	840
ggtttgatgc	tggcgactgt	gggcaaggta	tgtttactgc	caaacaaata	agaatgggag	900
cataaaacat	ccttgacagg	tagagagagt	tttgaatggc	ttttgttatt	taaaataatg	960
attctctgtg	tatcccttta	ccagccttgc	attcaaacta	gttatgaaag	taagagaaca	1020
acataaatca	ctgaagagga	tcttttcctg	ttattgttgc	agtctggtgt	tttgttttgt	1080
tttgttttgt	ttggaccaag	cagattttacc	ttagctgaaa	atatgtggtg	aagttttaat	1140
ttggaaacaa	aaaaggatat	caataattca	ttaaataaag	atggttcaaa	cactggaa	1198

<210> 3318
 <211> 1031
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> similar to gil321816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3318

ctactactgg	cctgccgcag	catggactgt	tacctggcca	ttgtccatgc	cacacgcaca	60
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ttactgtccc	tacgcattct	gcttttcoga	aggaccttct	acccatccaa	tgtagccca	180
gtctgctatg	aggacatggg	caacaataca	gcaaactggg	ggatgctgtt	acggatcctg	240
ccccagtcct	ttggcttcat	cgtgccgctg	cgatcatgct	gttctgctac	agattcaccc	300
tgcatagcgt	gtttaaggcc	catatggggc	agaagcactg	gaccatgtgg	gtcatctttg	360
ctgatgccct	cattttcctg	ctctgctggc	tggcctacaa	cctggacctg	ctggcagaca	420
ccctcatggg	aaccagatg	accaatgaga	cctgtgagcg	ccgcaacgac	atcaaccagg	480
ccctggatgc	cactgagatt	ctgggcatcc	ttcacagcta	cctcaatccc	ctcatctacg	540

ccttcattgg	ccagaagttt	tgccatggac	ttctcaagat	tatagccata	catggcttga	600
tcagcaagga	ctccctgccc	aaagacagca	ggccttcctt	tggtggctct	tcttcagggc	660
acacttccac	tactctctaa	gacctcttgc	ctaagtgcag	acccgtgggg	ttcctccctt	720
ctcttcacag	tcacattcca	agcctcatgt	ccactagctc	ttcttggtct	cagtgtcagt	780
gcagcccca	ctgtggtcgc	aggaagcaga	ggaggccacg	ttcttactag	tttcccttgc	840
atgatttaga	aagcctgccc	tggtacctca	ccccttgcca	taattactac	atcacttgct	900
ggagctctgt	ccctcctgcc	cttgagctca	tggcactcta	tggtctaaga	agtgaaaatc	960
tacactccag	tgagacagct	ctgcatactc	attaggatgg	ttaatgtcag	aagaaagaaa	1020
atcataaaat	a					1031

<210> 3319
 <211> 2416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2417)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2383)...(2122)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3319	
tttttttttt	tttttttttca caagttatat tttattttaa cacgaggatt aacatatagt 60
tacaagggtca	atacaagcct ccagtggaag ctctttattt ggtttaattc catctccaga 120
gacaaacagg	caactctagg acctttacag tggcgatcgg cctccacnac agcaaaatgc 180
ctccaaagtt	tagaattagt gcaacacaca tacgaacggt ttaaagggtgc tcaacatcag 240
gttaaaatag	aattctggac ctttttaaaa agtttttggg tgatataagc acaggaggca 300
gagccaataa	gaaacatgaa accaatattt ctggaaaaac acttagcatg aacgtcactt 360
tttgacgtcg	tgtaaacttt cttctgcaat gacggatgtt accaaaaggc attgagacct 420
ttgcgctgcg	ctggttagac aagccgcagg cttatctcca cggtgagcag gataaaaacc 480
cccaagggaac	agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 540
aaaaactggg	taaaggacaa gttcctccct ttcatgtcgt ttctaagaac ttttcagggc 600
aggttctttt	aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg 660
acaggcgcca	gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta 720
tgtgaactgc	tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaatga 780
tgatacatag	gacaactgac ctccctctaa aagcccggtt ggggcagcag tgagcttttc 840
atggagccac	gcagactggc ccggaagcaa caccaggtt caacatttaa gagcactcgc 900
tataacattc	tttttgagcg caggtggtgg aaaagtttaa aaaacaggcg gaggagtgcg 960
gggggggatac	aagcatatcc tatactgggg gtgacggtca ttcaaagagc aaattactgc 1020
agcttatatc	ttttccacta tggtgcaaga aatgaatcta tctgaccca taatatgaaa 1080
gatgcgacgc	acatgcattc ccgaggctct aaaatcccat tttaaagaac cgtttcacat 1140
cctcgtggag	tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc 1200
tgctgtcccc	gttggcgggg gagccattg tggagctgtg gggactgcca cactcaccat 1260
gcacctgttg	gtttgcaggg acagaggtgc ggccttgact cttctcaccc tgtgtcatcc 1320
gggcttgtct	ttcgtctgtc aagtcagtc tctgcgtga ctgatgggtg caccacgctt 1380

```

aggtcaccg ttgcaggac cggaagtcca tggctctgcc gcaaccctga gcggtttgca 1440
gtccccccg ggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa 1500
gccacttct cttcacctgc ctgggcctca gcgtctctgc gcttgtggtt tctcgtcccc 1560
gagggctgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg 1620
agcaatttcc tggtttccac aagtaaagac agcccatcc cttgggacct gtcctttccg 1680
tccctgtccc tttggcttct ataggacttc cttgtcttag attcataaac agcaagagga 1740
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gacatcatcc ccaggcttcc gtggcgctct cggtcacagg agctttaggc caatgggtcc 1860
tcttgactgt ttttgcccca aatgagagga ggggctgctt tgctttaagg cgtggcgggc 1920
gggggggggt ggtggccaca gattagggga cctcaggttt tcctcaaaaa cccacacagg 1980
gaaagaaact tggctctaaa agcaaactca acgaattcca catgccctga agagcacgtg 2040
ataaaataca aggtggtggt cggcgggatc cctcaaagga ccacgagagg cacggggtct 2100
ttggtgatga aagtgctaac ctgcgcgggg tgcggtagct cacacctgta atctcagcac 2160
tttgggaggc tgaggcgggc ggatcacctg aggtcaggag tttgagacca gcctgaccaa 2220
cacggtgaaa ccctgtctct actaaaaata caaacattag ccgggcgtgg tggcgacgc 2280
ctgtaatcac agctatttgg gaggtgagg caggagaatc gctggaaccc aggaggtgga 2340
ggttgtagtg agccgagatc atgccactgc actccagtct gaacaataga gcgagactcc 2400
cgtctcaaaa aaaaaa 2416

```

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<210> 3320
<211> 5020
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5021)...(902)
<223> similar to gi4589538 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aaatactaaa attcccaaag tggaatatca tccaatgtga gacacatcat agcacgggtcc 180
atatgtacac ggcacacaga gctctgcctg cgctcatctg tgaattgctc attacatgtc 240
actgataaaa aaatctgcaa gggaacttct actcttcagt tctcctcttc ctgatgcatt 300
gtcacatatt ttaaggaac tttagggata tgaagaaaat gcattaaagt gggtttctgc 360
taagggtctt gcatgttttg ctctgatcaa ttacgcacta catcttgaga aaaacttttg 420
caactcattt ccagcaaaga tagcagaaaa ctctagggtt ttgccaattt attttttctt 480
agtcactcat tggaacacaa gtccaacaac aacagctcag gaaccaaatc atgtttttat 540
attggtgaagt tcattataaa atgccactca attttaagaa gccactaaaa ggacactttc 600
tgcagcaaaa aaagggtctaa gttcaagttt ttgtgttttg acaaagacac aataatataa 660
cccatatgtc acagatcaca acagccttaa gtgaaacgta ttagatttag ggaaaaacga 720
ctatgcgact gcttgtttct cctgtctcct tgccaaacaa taaggagagc ctctgggtctg 780
ttttatctat tttatgtctt tttgttttga aacctccctt tgtattctga aagctgatca 840
aactatttgt gttcaaaatg tgtcaaggca cttctcaagc ctcagtggca tcccagggtca 900
gccaaagctc tctgtgctca gggcactgac ttctcttagg cagctgacaa tcgcagacgg 960
aacgcttttg gaggcctctc tccgccaagc ttccaggatc ttggaaattt ctgctggatt 1020
gctgggactc aagtcacaaa gagcatcac ggctgctaac tgtatacccc atggtatatc 1080
ttcatcgtga gcatgctgta taaacatacc aataaccgaa ctaatatattt tcacagcaga 1140

```

tggaaatcct	tcttttcaaac	ccaattggcc	taaacgacca	atcagcctca	gtattgaggc	1200
tataataata	tcaggagtat	acgcaatggt	tgcatgtcct	tttctgtatt	ttatccattt	1260
atccatcaca	ggccacagct	ccttacttat	gatgttatca	tgcgccaga	tccatttctg	1320
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accaaatttt	tcactagggt	gaaattctgt	ttttggacat	aactgtatgg	tcaaaagcag	1440
cttagaaacc	atgaagccaa	catctaccgg	ggcattcttt	tccaatttaa	gaaaagctct	1500
caagcagttc	agaacctctc	ctttagcacg	ttgcctggca	actaaactgca	ttgctttatt	1560
aatcaccgat	tgagagagaa	atatatcatg	ccacatgttt	gcaataaaca	aagttaaattt	1620
ttcagactcc	ggaaaatctt	cttttaagta	ggctgtagca	aaacaaacga	gctctttcca	1680
agtctccgag	ttgccgacaa	ataccacat	acaccctgca	gagggcgtag	atgtaattgt	1740
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aagaaaactc	tgcaattttt	ttcagggcac	tagctatggc	tttatcatgg	gactccacag	1980
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gcaataaaat	gccagtatct	ttaccattgc	aatcttcaga	atttgtttga	agttcttgcc	3900
taatcttggg	cagaacctca	gacagagttt	ccaaagaca	ctgagtgagc	tgacttgat	3960
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caggagcatc	ttgctgttcg	ctccccctac	tgcagctaaa	tgccctactc	tctacctcag	4380
tgtcgtctcc	cccctctcga	atgccttgtg	aacaatgtaa	ggtaccaggc	aggctacttt	4440
gggagggtatc	ctgtgtctct	ccatgttttc	tgcaaaatgc	tgaagaaaaa	gtagtgtctg	4500
tgggtgcaaaa	acactcaggc	aaagcaccac	cgggagttgt	agatttcaat	ttccaaagtc	4560

cattagcatt	ttgtggtgtg	ctggtagaat	catttgcaac	agccagggcc	tcaccaccag	4620
atctccctgt	gtctccacag	ctggttttctt	caacagaaaa	ccctcctgac	acagtcactt	4680
ctgtggctgg	aagcatctca	ctgccatgtg	tcccactgga	gtccagatct	gtggcctgag	4740
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ctggtgaaat	gcttttcaca	gcagccacct	ccgtgatgtt	ttgtgttgta	tcatctcttt	4980
ccccatcaca	ttttgctata	gttgacatac	cggttttgtt			5020

<210> 3321
 <211> 1540
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1495)...(959)
 <223> similar to gi929619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3321		
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aaatcacaaa	gttcaattca acatgcagat ttcaaagaaa agggagcttt ctagaaactg 180	
agctgaaggg	gtactgtggg ggatgggtac tgttgtcaga acctcaaatt ctgtctgggg 240	
cagtttgtga	caagaggcag ggatgctgga atgacaggta gaggtgagaa caaagctgcg 300	
tgtgtgcaga	tgtgtgtgct gagggcaggg gatggggacg gcggccacaa agggctgtca 360	
gcagctaggg	tgcccgtag aggtaggacc acctcaggca tgggcagagc tggcaggaca 420	
gcaagaaatc	tagacggact ctctgccctt gtgtggagaa aagcccttcc cttccctcca 480	
atgtctctac	ccagtcctcc aacagcagcc tacaggggccc ccagtcctag gggaaagtcc 540	
gggagtctac	agtctccggt caagttcaag taacctgagg cagctctct tctagaaggt 600	
gccttccaca	tctctctctt ctgcagaag ctgccagcag ctccgtccag agattctgga 660	
gcagagactg	ctgcctggag gtcacagatg aatcttgggg tggccgatgc tccagccaac 720	
ttgggggtgca	aaaaagacat gagcgctcct cttctcggga gcaagtagac acaggtgcca 780	
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aaccagaatg	caataaatag aggcagggcc aggaggcgga gggccgggat ggtgctagct 960	
ttctgacgcc	gtctgcggca ctgtgggttg gtccacacag aagcgcttca ggggcggggc 1020	
acctgagtct	tcctcttccct caacgacctg tgtctctagt ggaactggtt cttccttggt 1080	
gagggtagga	ggttcacag caacttccga ggagggcagg gagggctcct ccaggatctc 1140	
ctggcccagc	gttgggggct gggagtcac cgtgcggaag tcggaggtgt gtgctgggct 1200	
cagggactca	ctctgtggg ggctggggct tgagttgggt ctgctgtcca ccttaagctg 1260	
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ggaattggct	gaggcatcag aaggaaagcc attaggttct cgggctgctg aactgttcga 1380	
ttttgacttt	tctttctcct tgcgtgtgt cacaggaacc cacttaaata tcctcaggga 1440	
cgtgtcacc	acagtcacc acttcttct cccaacttca acgcctgaat acgcagagcg 1500	
ctcagcctgg	cgaactgaca ccactccagg gctactcgct	1540

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<210> 3322
<211> 1421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1401)...(393)
<223> similar to gi214868 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3322
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agcaggttca tcataagacg aaaaaggtag actctcagat tggtttaaac ctccctaactt      180
aaaggacaag gaaggatctg gtttttgtct tttggaaacc catgagctat ctacttggtc      240
tttacttcag ccaattagaa gttcaactga agatagctat tgaacatcat cttaatgatg      300
ttataaacag gcaatttaaa tattttatatt tgcataatcc ccaagctggg ttatcacaga      360
gaaagcatct gagcttctcc cagctcgcca acctgcctgg cattccgtag ctactagcca      420
gtcctgtttt ctttccacaa agaaaacaat gatttggtgt tttcttcttt gtctggaaga      480
ggggcttttc acagggtgga ggtgatgagt agtacattct ccaaaaaaac tcctgtatgt      540
tctaactggg gagaacattt tcctaaagtt ttcttccatg aaaatgctgg aggtttgtag      600
acagcccagt tccagagttc tgaagcctgc ctgccccacg tgtgctctgt aatctatttc      660
tgcttggtgt cccggccagt gaggcaagaa aactgatatt atttacacaa ccaacaggct      720
ctttgggaag ccttgtagt catttctgtg atatcccgag cctcaacttt ggaaataaca      780
tcagatcttt tcccaagtga atcaacttta acacctgaa agcaagtagt cctagagaaa      840
gaagaatcag ttatgttttg aacatccagt gactgagaag aagaaggctg tagcttccca      900
aactcaaaac atttggtgct tctctctggt ttcaccagag aattatgtag cgacattggt      960
gcagaacagc gaagaggtga caagagtcta ttcttgtagg gacttaattc ccggtagtta     1020
agaactgaag tctctactga ttccccattc agcactcctg caacatgctt gagatgctgc     1080
tctggagctt tcaacccttt gtcagcatta gtgagtagca actccagatt cactttgcac     1140
gcaccttcta agccgtgct ctgttcatca gcatttcctt ctgcaaatag agccagttag     1200
cccactttag gtagaagtga ttgttcgggt acacattctt ctgaaggtaa gacaatgttc     1260
ccattactag atggcaagtt tcctaaaaaa tgttttgttt gcctaggcag ggatgatcca     1320
agatggagaa cagagtcagc aagctcctgg tcatttccca actccaaatg gggatatctga     1380
ggaggtagtt tgacgttgct actgaagtga gacagtgtgt c                                     1421

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<210> 3323
<211> 2351
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2352)
<223> n = a,t,c or g

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<220>

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<221> misc_feature
 <222> (2)...(1461)
 <223> similar to gi5708210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3323

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ggcaacggga	tgaatttgat	ttgctggttg	ctggggagat	ctgccggttt	agtgtcttta	720
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gatgacctgt	gactttggag	cactgggttg	tctccattgt	cattatgggc	agatgtgtgc	2280
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attaaggtgc	a					2351

<210> 3324
 <211> 1828
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1506)...(248)

<223> similar to gi3873743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3324

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ggggccttcc	cgtgtggctt	gtggctcaat	catgatgttg	ataagagaag	gttttagttgt	300
gtctgcctag	gctctgcctc	agggatTTTT	ggagtctctc	tgggtgtttgt	acaaaataacc	360
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gagggaccac	tgcagtagca	tcttgaaatt	ttaacatttc	tttccaagta	tctgtatcaa	480
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<210> 3325

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (609)...(417)

<223> similar to gi3510234 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3325

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ttcgggggtgc tctttggagg gcgtgtttgt tgaaaaacca cccccaaccc cctgcccgcc 180
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tccgctcccc tgatgggggt gccaggctgt gactggaggg ggaggcaggg ggcacccgtg 300
gggtgcctga gctgttttct ttcccatttg gcaacagtga cgggcgctca gccccgggc 360
gttctgtgca aacgtagggt ttccctgcggg tcatcatgct aggaggaggg ttgttggggg 420
tgctcgtgct gtccttccgc cgctctggga tctctgcctt gttgggggtg tgggcgctgc 480
tgaccatggg gctgaagggg gggcagccct cgactcccac tccccgcgtg gctgcagctc 540
gccttccggc ctggcagccg ctccctccttc agctccgcct ccccgctgct cgtcgggctg 600
cgtttggggg gcaggggtgc aggggatggg ccacctgggg gaggggttac cgttttagagc 660
tggcatcacc acggaacccc agaactgact ctgggggatc gttggaacct gagaattcct 720
cacgtgggtt gcaatctctg tgtgggccat tctgacaata tctgtcaaaa ttacctcaag 780
attaccaacg cacatatact gacttagaaa ctccaaatca atgacatcat gc 832
```

<210> 3326

<211> 5866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5867)...(3480)

<223> similar to gi4098628 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3326

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tcttttctag ggcaattcaa gaaggtaaca ttgtaaaagt ttctaaatga tgcacactgt 180
aatcattcat tcttttttaa aatacaacac aaaccaacag ctacaatgct ttttattttt 240
aacaanaagg atgtaaggag ggtaagaaaa acagaggaca gtaagatagg atgtaaagtg 300
tgatgtatct ctggacacca tccctctctg cctgccccac acccaaaagt tttaaataat 360
ttaaaggata ccaattacag taccagaaca ccatcaaaat aattgtcttt atcagggtca 420
aaaaatacag tgattatgaa tgagctgtga ccagttacga aattttactg gaaatgttta 480
actgtggtca gcagtccaat ggtgtgcaca gtgccttcaa ttaatgcact tgagcatacg 540
taattacatt tctggcaggg tccacacccc ccaagaaaag gtaaagctaa gcatttcatt 600
tctacattct aaactctgga atcacagagc ccagttttaa agaaaagtca cagtggataa 660
gagatgtata taaaaaatac aaggtgtttt tttaaataca ggagttgtgg gactaccatt 720
cttttttttt tttttctttc ttttcttaca aaatgcgatt ttagaaaagg atagagactc 780
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tcaaaaatgt	agttaactgt	tcagcactct	ttatgctagg	attcttggca	gaaacatcct	5820
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<210> 3327

<211> 6086

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(3488)

<223> similar to gi3043606 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3327

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ggctggcaat	gacaacttct	attagtttgc	aagaggcatt	tgataaactg	aatccttgtc	180
ctgctggaat	tatagatcag	ctgagtgtga	ttcccaatag	taatgaacct	cttaaagtaa	240
ctgcaagtgt	gtacatacca	gcacatggac	gacttggttg	tggtcgtgaa	gatggaagca	300
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gctcactttg	ttttccagtg	ggtccagagt	cttctctata	cccaacatat	gtttacttta	5340
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tagatttctc	agcactgagg	taaactctgc	attgtcatcc	cagcgtacac	ctttaatggt	5820
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gtgatgattg	aactcccctg	tgtacagcga	gtgaattaaa	atgtctgcct	ctcccagaca	6000
tttttttaat	gatttccctt	tatagacttt	atgtgggctg	aatggtcctg	tgtacatatg	6060
tgtgtttaat	taaaccattg	tattga				6086

<210> 3328

<211> 2698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> similar to gi3885470 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3328

ttttgtttgc	catttcctac	aggtgaaacc	gccatcatta	ggattcactg	taacgttagt	60
gcatattaaa	ctcactagca	tttttattaa	tggccgttat	ctacactaag	ctatactgca	120
acttgaaaa	agaggacctc	tcagaagact	cacaatctag	catgattaag	catgtcgctt	180
ggctaattct	caccaattgc	atctttttct	gccctgtggg	cgtttttttc	atttggcacc	240
attgatccac	tggcaatctc	ttatcaggcc	cgggaaataa	tgggaagtctg	ttactctgat	300

attttttcca	ttgcctgctt	gcctgaatcc	agtcctgtat	gttttcttca	acccaaagtt	360
taaagaagac	tggaagttac	tgaagcgacg	tgttaccaag	aaaagtggat	cagtttccagt	420
ttccatcagt	agccaaggag	gttgtctgga	acaggatttc	tactacgact	gtggcatgta	480
ctcacatttg	cagggcaacc	tgactgtttg	cgactgctgc	gaatcgtttc	ttttaacaaa	540
gccagtatca	tgcaaacact	tgataaaatc	acacagctgt	cctgcattgg	cagtggcttc	600
ttgccaaaga	cctgagggct	actggtccga	ctgtggcaca	cagtcggccc	actctgatta	660
tgcagatgaa	gaagattcct	ttgtctcaga	cagttctgac	caggtgcagg	cctgtggacg	720
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gtcacttaga	agaaggagag	gtggcagttt	atttctcaaa	ccagtcattt	tcaaagaaca	960
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aacaaatata	tgacttgaaa	aggatcttag	gtgtagtaga	gcaatataat	gttagttttt	1080
tctgatccat	aagaagcaaa	tttatacccta	tttgtgtatt	aagcacaaga	taaagaacag	1140
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cttgctaatt	ttacctaatg	tttcatcctt	aatctcagga	caacttactg	cagggccaaa	1260
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cacttgccat	ccttgacata	agagaactat	aaattttgtt	taagcaattt	ataaatctaa	1380
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gtgattacac	tactagaaaa	aaagtaaaag	gctaattgct	gtgtgggttt	agtcgatttg	1560
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tgagctggat	tatcttgaac	ctgtgctatt	aaatggaaat	ttccatacat	cttccccata	1860
ctatttttta	taaaagagcc	tattcaatag	ctcagagggt	gaactctggg	taaacaagat	1920
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attaaaaatt	ttacttgatt	cccatctatg	ggcttttagac	ctattactgg	gtggagtctt	2040
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gccatattag	ttattctgaa	tatactaaaa	aaatccagct	agattgcagt	ttaataatta	2160
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acaagtttta	aaaattgcta	tcatgtatat	ttacacatct	gataaatatt	aaatcataac	2520
ttggtaagaa	actcctaatt	aaaagggttt	ttccaaaatt	caggttattg	aaaacttttc	2580
attttattca	tttaaaaact	agaataacag	atatataaaa	gtgttaattct	ttgtgctata	2640
tggtatgaaa	tacaatattg	tactcagtg	tttgaattat	taaagtttct	agaaagca	2698

<210> 3329

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (471)...(299)

<223> similar to gi4567200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 3329
tttttttttt ttgactgcc acatagattt taatttgcct aaagatgata gcgattttga      60
gctgtgggta gggataactg ttcccacagt agacctatta ccaacatgag ttgctggcct      120
tcatttaata ggactccaag ctggcaaaaca aacccaccca tcttcccaac agccacatca      180
tgagatctag cagcaccagc ctcttgaagt ggcttctcag tgggaagggtt gctccggttc      240
agtgaagcct ctctctcaaa gctctgacgt caccaggggtg cccctcgagg gtctggatag      300
actgtccgaa aggtcagggt cactctcggt tctctagagt ggtattcttt gggcactcga      360
tgctgccagt cagcttgtgt cgctccttcc atgattaaca aggtcccatg atccaagggt      420
atcttcactc tttccacata tgtgtagtct ccattctctt cctagaaaac agcatttggt      480
gtaataaatg ttttgctgt gtaatcaaga tgcaacagaa cctgacagag gtcaaaaaaa      540
aatggaaacc tctgctcagc cagactgtgg gaatccatat atagctctgt catttggcag      600
ctgcttgact gttggcaagt tacctcatct ctctgtaccc tgact                      645

```

```

<210> 3330
<211> 2149
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2151)
<223> similar to gi2224675 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3330
gctttgtttg atggtgatcc acatttatcc acagagaatc ctgccttggt tcctgatgct      60
ttgctagcct cagacacttg tctggatata agcgaagctg cctttgacca cagtttcagc      120
gatgcctcag gtctcaacac atccacggga acaatagatg acatgagtaa actgacatta      180
tccgaaggcc atccggaaac gccagttgat ggggacctag ggaagcaaga tatctgctca      240
tctgaagcct cgtgggggtga ttttgaatat gatgtaatgg gccagaatat cgatgaagat      300
ttactgagag agcctgaaca ctctctgtat ggtggtgacc ctcttttgga ggaagattct      360
ctgaagcagt cgctggcacc gtacacacct ccctttgatt tgtcttatct cacagaacct      420
gccagagtg ctgaaacaat agaggaagct ggggtctccag aaggatgaat ctctgggatg      480
cagagcagca gagatagtgc tttctgcact tcctgatcga agaagtgaag gaaaccaggc      540
tgagaccaaa aacagactgc ctggatccca gctggctgtg ctgcatattc gtgaagaccc      600
tgagtccgtt tatttgccgg taggagcagg ctccaacatt ttgtctccat caaacgttga      660
ctgggaagta gaaacagata attctgattt accagcagggt ggagacatag gaccaccaa      720
tggtgccagc aaggaaatac cagaattgga agaagaaaaa acaattccta ccaaagagcc      780
tgagcagata aaatcagaat acaaggaaga aagatgcaca gagaagaatg aagatcgtca      840
tgactacac atggattaca tacttgtaaa ccgtgaagaa aattcacact caaagccaga      900
gacctgtgaa gaaagagaaa gcatagctga attagaattg tatgtagggt ccaaagaaac      960
agggtgcag ggaactcagt tagcaagctt cccagacaca tgtcagccag cctccttaaa     1020
tgaaagaaaa ggtctctctg cagagaaaat gtcttctaaa agcgatacga gatcatcttt     1080
tgaaagccct gcacaagacc agagttggat gttcttgggc catagtgagg ttggtgatcc     1140
atcactggat gccagggact cagggcctgg gtggtctggc aagactgtgg agccgttctc     1200
tgaactcggc ttgggtgagg gtccccagct gcagattctg gaagaaatga agcctctaga     1260
atcttttagc ctagaggaag cctctggtcc agtcagccaa tcacagaaga gtaagagccg     1320
aggcagggct ggcccggatg cagttaccca tgacagtga tgggaaatgc tttcaccaca     1380

```

```

gcctgttcag aaaaacatga tctctgacac ggaaatggag gaggagacag agttccttga 1440
gctcggaaac aggatatcaa gaccaaattg actactgtca gaggatgtag gaatggacat 1500
cccctttgaa gagggcggtg tgagtcccag tgctgcagac atgaggcctg aacctcctaa 1560
ttctctggat cttaatgaca ctcatcctcg gagaatcaag ctacagccc caaatatcaa 1620
tctttctctg gaccaaagtg aaggatctat tctctctgat gataacttgg acagtccaga 1680
tgaaattgac atcaatgtgg atgaacttga tcccccgat gaagcagatt cttttgagta 1740
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acaagagcag cgattgaca tgaaggatcat cgagccctac aggagagtca tttctcacgg 1920
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cagcagtcgg gcggattacc actatgtcat ggaaaatctt ttcctatatg taataagtac 2040
tttagagttg atggtagctg aagactatat gattgtgtac ttgaatggtg caacccccaa 2100
gaaggaggat gccagggcta ggctggatga agaaatgcta ccagatgat 2149

```

```

<210> 3331
<211> 2683
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(2684)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(1352)
<223> similar to gi5262644 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3331
ggagaattat tgaccacagag gacctaaaag ctttgctcaa agtgctgcat ctacagaggaa 60
taagagaaaa ggcattacaa aaacaaattc agaaacattt ggattatatt actcaagcct 120
gcctcaagaa taaggatgtt gctattattg aactgaatga aaatgaagaa aaccaagtaa 180
ctcgagatat tgtggagaac tggtcagtag aagaacaagc aatggaaatg gatttgagtg 240
tccttcaaca ggtagaagat ctagaaagga gagttgcatc agcaagtttg caagtgaagg 300
gttgatgtg tccagagcct gcatcagaaa gggaggactt ggtatatattt gaacataaat 360
catttactaa attgtgcaag gagcatgatg gagaatttac tggcgaagac gaaagcagtg 420
cacatgcact agaacggaag agtgacaacc ccctagatat agctgtaacc aggctggctg 480
atttgagcgc gaacattgaa agaagaattg aagaggatat tgctccaggg ctcagggtat 540
ggagaagggc attatcagaa gctcgagtg ctgcacaggt agctctgtgc attcagcaat 600
tacagaaatc aatagcatgg gaaaaatcaa ttatgaaagt ttactgcaa atctgtcgaa 660
aggagataa tgaagaactg cttcttcttt gtgatggctg tgacaaaggc tgtcatacct 720
actgccatag acccaagatt acaacaatcc cagatggaga ctggttttgt ccagcttgca 780
ttgctaaggc aagtgggtcaa actctaaaaa tcaaaaaact tcatgtcaaa ggaaaaaaga 840
ctaagtagtc aaagaaaggc aagaaggtaa ctttaacagg agatactgaa gatgaagact 900
ctgcatctac aagtagttca ctaaaaagag gaaacaaaga cctcaagaaa agaaaaatgg 960
aggaaaacac ttctattaac ttgtcaaaac aagaaagttt tacttcagtt aagaaacct 1020
aaagagatga ctccaaggac ctactctttt gcagtatgat tctgactgaa atggaaactc 1080
atgaggatgc atggcctttt ctacttctct taaacttgaa acttgttcct gggtataaga 1140

```

```

aagttattaa gaagcctatg gattttttcca caattagaga gaaactaagt agtggacagt 1200
atccaaacct tggaaacctt tgctctagat gtcaggcttg tttttgacaa ctgtgaaaca 1260
tttaatgaag atgattctga tataggcaga gctggccaca atatgaggaa gtattttgaa 1320
aaaaagtgga cagatacttt caaagtgagc tgaagttata ataatctctt tatttttttc 1380
cttctaataca aggacaaatg agaccagcaa tgtgaactgt attacataa acgtgcaagg 1440
cacatacata atgactttct ttttccttaa gtataaaaaa aaagtatcag aagaatgata 1500
ccatttttaa aggcttcatt cctacaacaa ccaaggccct cggttattgg tttgtgtgat 1560
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tgcctattaa aagcacccaa anaggaaaac ttttactgta ggagttacaa gtacatttat 1980
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ttcttttttt aggagtgtta tttttcacta tgtgtggcac ggatacaata aaagactttt 2640
acaaactaaa aaaaaaaaaa agggggggggc cgttttttat ata 2683

```

<210> 3332

<211> 2865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2416)

<223> similar to gi5596370 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3332

```

atggagcggc tttgggggtct attccagaga gcgcaacaac tgtccccaag atcctctcag 60
accgtctacc agcgtgtgga agggccccgg aaagggcacc tggaggagga agaggaagac 120
ggggaggagg gggcgagagc attggccac ttctgcccc tggagctgag gggccctgag 180
cccctgggct ctgacccag gcagccaaac ctcatctcct gggcggcagc aggacggagg 240
gctgccccct acctggtcct gacggccctg ctgatcttca ctggggcctt cctactgggc 300
tacgtcgct tccgagggtc ctgccaggcg tgcggagact ctgtgttggg ggtcagttag 360
gatgtcaact atgagcctga cctggatttc caccagggca gactctactg gagcgacctc 420
caggccatgt tcttgagtt cctgggggag gggcgccctg aggacacat caggcaaacc 480
agccttcggg aacgggtggc aggcctcgcc gggatggccg ctctgactca ggacattcgc 540
gcggcgctct cccgccagaa gctggaccac gtgtggaccg acacgcacta cgtggggctg 600
caattcccgg atccggctca cccaacacc ctgcactggg tcgatgaggc cggaagggtc 660

```

ggagagcagc	tgccgctgga	ggaccctgac	gtctactgcc	cctacagcgc	catcgggaac	720
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gccaggggag	tggatccagt	gggcccgcctg	ctgctggtgc	gcgtgggggt	gatcagcttc	840
gcccagaagg	tgaccaatgc	tcaggacttc	ggggctcaag	gagtgtcat	ataccagag	900
ccagcggact	tctcccagga	cccacccaag	ccaagcctgt	ccagccagca	ggcagtgtat	960
ggacatgtgc	acctgggaac	tggagacccc	tacacacctg	gcttcccttc	cttcaatcaa	1020
accagttcc	ctccagttgc	atcatcaggc	cttcccagca	tcccagccca	gcccatacgt	1080
gcagacattg	cctcccgcc	gctgaggaag	ctcaaaggcc	ctgtggcccc	ccaagaatgg	1140
caggggagcc	tcctaggctc	cccttatcac	ctgggccccg	ggccacgact	gcggctagt	1200
gtcaacaatc	acaggacctc	cacccccatc	aacaacatct	tcggctgcat	cgaaggccgc	1260
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gccgtagtgt	acgtgagcct	ggacaacgca	gtgctggggg	atgacaagtt	tcattgccaag	1560
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acaaaggagg	acacttatga	gaacctgcat	aagggtgctg	aaggccgcct	gcccgcctgt	1860
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tcccagtagc	tgctgccagc	cgaactcccc	ttccgccaca	tcttcatggg	ccgtggagac	2220
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cccggggcca	cctcctccac	tggcttccag	ggagagccgt	ttccggcgct	agctaggccc	2340
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atatccacac	acccagcccc	tgcagtgtag	ctgaccctaa	tgtgacggtc	atactgtcgg	2640
ttaatcagag	agtagcatcc	cttcaatcac	agccccttcc	cctttctggg	gtcctccata	2700
cctagagacc	actctgggag	gtttgctagg	ccctgggacc	tggccagctc	tgttagtggg	2760
agagatcgct	ggcaccatag	ccttcatggc	caacaggtgg	tatgtggtga	aaggggcggtg	2820
gagtttcaat	atcaataaac	ccacctgata	tcaataaaaa	aaaaa		2865

<210> 3333

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(1478)

<223> similar to gil334149 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3333

```

ggcaaggcga ggcgaaagct gcacagggcc ctacgcggcc gcctcagcat gtcggacttc 60
gacgagttcg agcggcagct caacgagaat aaacaagagc gggacaagga gaaccggcat 120
cggaagcgca gccacagccg ctctcggagc cgggaccgca aacgccggag ccggagccgc 180
gaccggcgca accgggacca gcggagcgcc tcccgggaca ggcgacgacg cagcaaacct 240
ttgaccagag gcgctaaaga ggagcacggt ggactgattc gttccccccg ccacgagaag 300
aagaagaagg tccgtaaata ctgggacgtg ccacccccag gctttgagca catcacccca 360
atgcagtaca aggccatgca agctgcgggt cagattccag ccactgctct tctccccacc 420
atgacccctg acggtctggc tgtgacccca acgcgggtgc ccgtgggtcgg gagccagatg 480
accagacaag cccggcgctt ctacgtgggc aacatccccct ttggcatcac tgaggaggcc 540
atgatggatt tcttcaacgc ccagatgcgc ctgggggggc tgaccaggc ccctggcaac 600
ccagtgttgg ctgtgcagat taaccaggac aagaattttg ctttttttga gttccgctca 660
gtggacgaga ctaccaggc tatggccttt gatggcatca tcttcaggg ccagtcacta 720
aagatccgca ggcctcacga ctaccaggc cttcctggca tgtcagagaa cccctccgtc 780
tatgtgcctg ggggttgtgt cactgtggtc cccgactctg cccacaagct gttcatcggg 840
ggcttaccga actacctgaa cgatgaccag gtcaaagagc tgctgacatc ctttggggcc 900
ctcaaggcct tcaacctggt caaggacagt gccacggggc tctccaaggg ctacgccctt 960
ctgtgagtac gtggacatca cgtcacggat caggccattg cggggctgaa cggcatgcag 1020
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cagggtctgg tgggggcttc tccccactcc cgcccccccc cttatcccc tctgaagacg 1560
atgggcagag gagtgcagac cgcagacaca cgacagccgg cagcaactgg aatggcagca 1620
attaaggggt gggagcgggg gttggggggt tgggggggta gggcagggag gggactgggg 1680
aagtgcgcac acagccccac acagacaaca cgcacg 1716

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<210> 3334
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1035)...(242)
<223> similar to gi950115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3334
cttttccaca aagggattaa attggggaac ccccggggtt tccccacccc ccggttttaa 60
aaaccggggc caggaattta attttggggc ccataaaaa aaattttacc ttgccaaccc 120
ccgggggaaa aaattggatc ctttaaaagg gccccccctt tttttttttt ttgctattaa 180
tcttgccaca atatttttaa ttacgtacaa agatctgaca tgtcacccag ggaccattt 240
caccactgct tctgtttggc cgccagtctt ttgtctctct cttcagcaat ggtgaggcgg 300
ataccctttc ctcggggaag agaaatccat ggtttgttgc ccttgccaat aacaaaaatg 360
ttggaaagtc gagtggcaaa gctgttgcca ttggcatctt tcacgtgaac cacgtcaaaa 420
gatccagggt gcctctctct gttggtgatc acaccaattc ttctaggtt agcacctcca 480

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gtcaccatac	acaggttacc	agtgtcgaac	ttgatgaaat	cagtaatctt	gccagtctcc	540
aaatcaatct	gaatggtatc	attcaccttg	atgaggggat	cggggtagcg	gatggtgcgg	600
gcatcatgag	tcaccagatg	agggattcct	tttgtgcca	caaagatctt	tctcactttg	660
cacaacttgt	acttggcctc	ctcaggtgta	atacgatgta	cagcaaagcg	acccttggtg	720
tcatagatca	gacggaaatt	ctctcccgtc	ttgtcaatgc	tgatgacatc	catgaatcca	780
gcagggtagg	ttatatcagt	tcggaccttg	ccatcgattt	taatgaaccg	ctgcatgcaa	840
atcttcttta	cttcatctgc	tagtcagggc	atacttaagt	ctgttcctca	ggaaaaatga	900
tgaaggggag	acactctctc	aacttgtggg	gaccggtgga	tggacgagga	gcaaacacac	960
cgttcaattt	atccagcatc	caatgctttg	gagctgccac	ccgcttcaga	tgcttcttgg	1020
gaccacgagc	ca					1032

<210> 3335
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (361)...(196)
 <223> similar to gi1841302 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3335	
ctcacgcaan	gcatggnntt aacgtcccta aaancccgcc ggacttttct gtaagaaagt 60
gtggcanagc	accaaccca taaangtgac acatgtacaa ngaagggcaa ggantttctct 120
gtacgccag	ggaaagcggc gttatgacag gaagcagagt ggctctttgt gtgccctggc 180
ttgtgttctg	aagatacagc tgatagggtta gttgggtcca gattatagag gactgagtat 240
tcagcaatgg	tgggtgaatt atttaagtct ttggtgttca tctatttaca ggaatgtttt 300
cgatttaaag	gattaagtct tagcacatta gaaaggaaat aaaaatgaag attgtactat 360
t	361

<210> 3336
 <211> 3818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3819)...(65)
 <223> similar to gi3168604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3336
tttttttcgc tatctaagga cataacttta ttggaacaa agagtggggt gcagaagatg 60
gctaggagtc aggtctgag ggaggtggtg gcttctcatc atcaggggga caatcgatga 120
agtcggccag catggcagct gtgtcatcct gctccttttc ctggagagct tcggcctctg 180
tctctgtctc catctcttct tctgcaggtg tctctggtgg gggctgcacc ttgtcactcc 240
catcctcagt ctctctttcc aacagggttg ggggagcaga gggctcttct tcaacaagct 300
cctggggagg gggccctgcc gcagggtttt ccccttccct ctccacctct ccctgggagg 360
ggagcgcttc aggggccagg gtgggagctg tgtcagcccc acgctcctcc tccgtccctg 420
gctcctccac ttccaaaagc agcccgggtt cgggttcggg ttctggctgc acctttgggg 480
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cctccccctc tgctgtgcca aactccaggt ctccacctc ttccagttct tcttctcct 600
cctcatcctc ctcttcttct tcttcttcta actcaccttc ttcttctcta aattcttct 660
caaactcttc ttcttctct tcttctctt caaaatatc ctcttcatcc tcttctctt 720
cctcaaagtc ttcttctct tcttcttct caaagtcttc ctcttcttcc tcttcttct 780
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gggggtggcag ggggggaagc ccctcgggca cgatcaccac gctgtcatca ggtcacttt 1140
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gcaactctcc cccaaaagtt tcatctgggg gtatagtagg tgggggagtc ccactagggg 1260
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gcaggggagg aacccggggg tgggtcagag cagcacagg caccagtgt tctgagcaag 1620
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agagagacag aaacagggaa tgaccattta catatgtaca cataggtaag aaaccaacc 2520
cctgatctca tcttcccaa caaaatcaaa cccctatcct ctaaaataga cctggatgg 2580
aaggtaagaa ggatggctgg gcctctcagc aatgactcag ctgagtcccc aaattcacc 2640
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agtgtgttta ttggacaaa agtagaagct ctctgggacg gactccagga tgacactgtt 2760
tggggagact cagggtccca gtactttct ggttgccctg tctctgagc aagggtctg 2820
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tcacatctt ctgaggacag cagcatctcc accccagggc cttcattctg cacaggagca 3060
gtctctgctc cctcgtacag ggcccccagc aggggtgtgca gtgaggccag cagactgtgt 3120

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ctagacagaa	aaaatgaggc	cagcttgcct	ttgagagaac	cacaagcccg	agggaaatag	3300
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aatagctctg	tggggctctc	ccctaccagc	agggacagca	gacacaggcc	ctcaaaccga	3600
gttttgatgg	aactgagacg	tgcattactg	agactcacca	atgccccaaag	agctgaaaag	3660
ttctgggccc	cgccaccga	cccatgcagc	cgcaataggc	acatgagccc	gggcaaagt	3720
ggggccgagc	ggtttggggg	atgcaccgga	gcaacggcag	accccgttcg	aggttgcagc	3780
aaaccagaaa	cactctccag	cagcagcagg	cggagccg			3818

<210> 3337

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1503)

<223> similar to gi5257114 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3337

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accttcgtgc	accgcgctcg	cagccgctac	gagcacatcc	ccggggccgc	gcggcccagt	120
ttccttctag	gacacctccc	ctgcttttgg	aaaaaggatg	aggttggtgg	ccgtgtgctc	180
caagatgtgt	ttttggattg	ggctaagaag	tatggacctg	ttgtgcgggt	caacgtcttc	240
cacaaaacct	cagtcacgtg	cacgagtcct	gagtcgggta	agaagtccct	gatgtcaacc	300
aagtacaaca	aggactccaa	gatgtaccgt	gcgctccaga	ctgtgtttgg	tgagagactc	360
ttcggccaag	gcttggtgtc	cgaatgcaac	tatgagcgct	ggcacaagca	gcggagagtc	420
atagacctgg	ccttcagccg	gagctccttg	gttagcttaa	tggaaacatt	caacgagaag	480
gctgagcagc	tgggtggagat	tctagaagcc	aaggcagatg	ggcagacccc	agtgtccatg	540
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ccggctgggtg	cccggggcag	gcttcgggct	gcaggagcag	gccacactca	agccactgga	1440
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<210> 3338
 <211> 6298
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(6298)
 <223> similar to gi2564316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3338

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tgtgctggag	cgtgtgcagc	accgagtccc	ggaggaggca	ctcaagcatg	aaaagtacac	180
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gaacagaggc	agcctcttac	cgcacacccc	tgtatgggca	gccctcctgg	tggggtgagg	360
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0948372529460

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SECRET

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<220>
<221> misc_feature
<222> (1)...(3019)
<223> similar to gi3882181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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2103

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atcataccag	ccaacataca	catatgcaat	tattgtacaa	gaagttgaaa	gagaagatgc	1920
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<210> 3340
 <211> 2983
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(2984)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2314)...(1020)
<223> similar to gi35842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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cagcccgtgg ttggcctcca gccgctgcac ctgggctgcg cggcgaccgc cgcgctcttg 2400
ggcggcggtt gcgtgcgagc tcacgcgctc cgccttggcc agcagctgcg ccaagggtgtt 2460

```

```

gctgggtgggtg tctgtggctgc gactcagagc gccagggccg ctctggatgc ggcgcacgga 2520
ccctgccagg cctccctgcc ttcgagccag gcctccctgc cgctcccga gagtctccag 2580
catggaggcc agcttctcca gcagggtcac caccgtcacg gcgtgcacgg gacccccgc 2640
cggcgcctcg ggcacaggcc ccggctccaa cgcactctcc ctcatgatcc ctgaccgctc 2700
tgctccgtct gcctgcaact gctggctgca ctacggtcag gggcctcctt tcctggctc 2760
ctccccagct ccagctgtga ctcaggcagg cggagttggc cttctggggc ggcgggaggg 2820
cgcgaggggcg tggggatgtt ggcagcgggg tctcttgaaa gcgtttcgcc ttccgctgtc 2880
ccgcgccggg ggctgtctgg gaagcctgtt ggccccaaat cggccccctg caaacctct 2940
cactctgagt ttgaggtacc ctcctccgct ccaaaccctt ggc 2983

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<210> 3341
<211> 1321
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1321)
<223> similar to gi2055392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3341
cacacactgc accacagctc tcccacctct gaggccgagg agttcgtctc ccgcctctcc 60
accagaact acttccgctc cctgccccga ggcaccagca acatgacctc tgggaccttc 120
aacttcctcg ggggcccggc gatgatccct aatacaggaa tcagcctcct catccccca 180
gatgccatac cccgagggaa gatctatgag atctacctca cgctgcacaa gccggaagac 240
gtgaggttgc ccctagctgg ctgtcagacc ctgtgagtc ccatcgtag ctgtggaccc 300
cctgggcgtc ctgcttacc ggccagtcac cctgggggat ggaccactgt gggggagccc 360
agccctgaca gctgggagcc tgcgcctcaa aaagcagtcg tgcgagggca gctgggagga 420
tgtgctgcac ctgggcgagg aggcgccttc ccacctctac tactgccagc tggaggccag 480
tgcctgctac gtcttcacc agcagctgag ccgctatgcc ctggtgggag aggcctcag 540
cgtggctgcc gccaagcgcc tcaagctgct tctgtttgcg ccggtggcct gcacctccct 600
cgagtacaac atactggtct actgcctgca tgacactcac gatgcactca acgtagtgg 660
gcagctggag aagcagctgc agggacagct gatccaggag cactggtagc tgcacttcaa 720
ggacagttac cacaacctgc gcctatccat ccacgatgtg cccagctccc tgtggaagag 780
taagctcctt gtcagctacc aggagatccc cttttatcac atctggaatg gcacgcagcg 840
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caagctgtgg gtgtggcagg tggaggcgca cgggcagagc ttcagcatca acttcaacat 960
caccaaggac acaaggtttg ctgagctgct ggctctggag agtgaagcgg gggccccagc 1020
cctggtgggc ccagtgctt tcaagatccc ctctctcatt cggcagaaga taatttccag 1080
cctggaccca ccctgtaggc ggggtgccga ctggcggact ctggcccaga aactccacct 1140
ggacagccat ctcagcttct ttgcctccaa gccagcccc acagccatga tctcaacct 1200
gtgggagggc cggcacttcc ccaacggcaa cctcagccag ctggctgcag cagtggctgg 1260
gactgggcca gcaggacggg ggcttctttc acagtgttcg gaggctgagt gctgaggccg 1320
g 1321

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<210> 3342
 <211> 777
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (46)...(338)
 <223> similar to gil478205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3342
 ggggtccgctg cagggcaggt tcagcagcaa cagcagcggc gacaccagca gggaaaagtg 60
 acagtgaat acgatcgtaa ggagcttcgg aagcggctgg tgctggagga atggatcgtg 120
 gagcagctgg gtcagctcta cggctgagag gaagaagaaa tgccagaggt agaaattgac 180
 attgatgac tttttgatgc atacagtgat gaacagagag cttcaaaatt acaggaagct 240
 cttgtagact gctacaaacc aacagaggaa tttatcaaag agctgctttc tcggataaga 300
 ggcattgagga aactgagccc ctccgcagaa gaagagtgtg tgattctgga acagggtgaa 360
 actctcccag agatgaagaa agagtccctgg gatttgtact tcatgaagac ttttgtgaaa 420
 gaataggtgt ccttatgaac aacgtttttg tttttttttt ttcttttttg ggggtaaagg 480
 tgggggggtc tattagacat ttattcaaga gcgttctttt ttgggtttta aagggttttg 540
 ttaatgtaat atttaaatac caaaaatata ttgacttttag ccacagccta cccaggggtt 600
 atcaaggag ggggaccctc aggggaagggc cccccaggt tgcgtttcct gcaggggactc 660
 aaatgttaat tcccttatga tcccggaata atagtttttt tacaagaagt tgggcaaaat 720
 ttttttccta aagttggaca ttggactcaa ttggcaaat tttcaacctg gtatttt 777

<210> 3343
 <211> 408
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(408)
 <223> similar to gi325465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3343
 gggttcccca agggttcaag aactcccca ccatcttcgg ggaggcattg cctcaagacc 60
 tccagaagtt tgccaccaga gacctagact gcgtgttgct ccagtacgtt gatgatcttt 120
 tgctgggaca ccccatggca gtcgggtgca ccaaaggaac agatgctcta ctccggcacc 180
 tggaggactg tgggtataag atgtccaaga aaaaagctta gatctgccga cagcaggtag 240
 attacttagg atttactatc cgaaagtggg agacagccta ggatcagaaa gaaacaggtc 300
 atttgaaatc tactggagcc taagaccaga aggcagggtg gagaattctt atgggctgtg 360
 gggttttgaa gactgtagat cccaaaattt gcagtataag ccaagcct 408

<210> 3344
 <211> 3932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3933)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3934)...(282)
 <223> similar to gi2245317 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3344

tttttttttt	ttggggtgca	ggtggcgttt	attttcatgg	atttatacac	actggaaaag	60
cctctgcgcc	catgcccacg	ccctcctccc	tccccccggc	gctgggtccc	ctcatatgaa	120
agggaagtaa	caccgaggag	cacacggaga	tatagggtgt	ggggctgggg	gggccagcgc	180
tggggccaaa	agtctgggtc	cccagcctcc	cacacgcagc	ccctcgggcc	ccttgggtgt	240
gtcaataaat	aaccaggtc	caggctggtg	tgggcctcac	tcctcgctgt	ccagcttcag	300
gctgatgctc	cgtgctttgc	cccggtgccag	ggtggtgggt	ggtgttcccg	ggccctcacg	360
ctccgcctgg	ctggggcccc	tcgagcgaag	cagctggctc	tgtttgcgca	ggaagtccac	420
gggggcagcc	acaccatagc	tgctcttgcc	caaggcagct	ctcgggggtc	ccgaggaggc	480
atgcgagtgc	gagcccgttt	ccagctggcc	cagggtgggc	acatagccgt	ctgacaggaa	540
ctggcactgc	gcctgtagct	tccgcacggc	acggccacag	atgtaggtct	ggctcgggga	600
cagccccagc	gcgcggtata	cagccacatc	tttgggagac	ccataaccgg	ccacgatggt	660
cagtcctacc	tcctgcacca	ggctctggag	aaacattgcc	ttctggcgta	gtgggtcggtg	720
ggtgaggccg	tcgcagaagg	agacgacgcc	cgttggggga	agttgtgctg	ccganagcca	780
tgccaccacg	cgggtgcttct	gcatatccgg	ccggcctgtg	acattacacc	gatcaggtag	840
ccggantccn	nagtcctgcc	agtgcctgac	cacgtccacg	ggcggcagct	cgcaccttgg	900
ggtcgctgcc	catgatggag	acgctggcgg	tgaaggagcc	gtcgatgctg	aagaccacag	960
cctccgtgcc	gcggggccacc	acagtcaggc	agcattcggc	ataggtgtgg	tcgcccctga	1020
ccaccatgcg	cacggggtag	acaccaatgc	ccagcgcgcg	ttctggggga	actgggaagg	1080
tgaggcggcc	cgagctattg	gtgacttcgg	tgccaaagtg	gatccacttg	cccgcagcgc	1140
gctgcgtcat	gatgtagaca	tccaccttct	ctccagttag	cgtgacgacg	tccagggggc	1200
cgtacatgaa	gcgcccgttt	agcacctggg	ggcggccctc	gcacaccacc	gtgtcgctcg	1260
cccggtggtt	ggaagtgacg	ttccggatct	tgacctgcgt	gcgttttcgc	tgccacttct	1320
ccttggggaa	ggccgggctg	tagatggacg	gctcctcgca	ttccgccagc	tgtggccgct	1380
ccttctcgat	cacctggcgc	aggatgaacg	ccaccacgtc	ggcggactcc	cagtagctgg	1440
cgtggaagag	gtggggcagc	gtgacggtgg	gaaaggcggt	gagcgcctcg	gggcagtaca	1500
gcgagtagtc	gatccgcttg	gtccccccacc	agcgctccag	gatcttaacc	acctcactgg	1560
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ggctggagtg	cgtctgcaga	gtgtcgggcca	gcagcaggga	tgagccatct	cccaggggga	1740
acttctggta	gcggggcacg	gtcagtgggg	cgatggcctg	gaacttcggg	gccagcaggg	1800
gctcgaggcg	tgaggcgagc	gggtcgggccg	cgtggaagag	gttgtagatc	tgttcacagg	1860
ctgggcgcat	ctgggctgcc	tccagggcgg	gcatcacagt	tttgcgcaga	gccagcacca	1920
ggcccagtg	ggagccgaag	aggaagaagc	cagagacctt	gaagtcaagg	cgggcagtg	1980
tgctggggcc	gtcaggtgcc	tcggaactgg	cagcgggtgg	gcagaaggcc	gtgcttggcc	2040

0040522000


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gccggggctc ccaggaggag gtggttgcg gggctgcctg aaggctgttc tgagagccct 2100
cgggctcagg actggccatg tgcctgggga tgcgctgggg aggcaaggcc gagggttctg 2160
ggctgccccg acccaggcct tccacaccat ctgccagggg gtcccgcact gggccaaact 2220
ccggagagag cagctcattg ttcattgctc cacggcggtc gctgccccga ctcccgggtg 2280
ccgcgttagc actgtggcag agtgcatcaa agcccaggat gccaccaaca ccatctccaa 2340
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ccagcagtgg cagggcagcc agtggaatgt ggtcttgga gcgagacagg ctgtcccat 2520
cgtggctgta agggctcagg ttggagacaa gggcataggc ggcggcgag atgggtggac 2580
agggcaccag tcgcagcgcc acgtggccca aggcctcagg gaagtggatg cgggtgacgg 2640
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aagggcagggt gtaccgggtt cgggtgtagg ggtaggcatt ccaggattcc tcttctacct 3780
gcagggcagc cttgggcagc agtgcccgga accagcctgg gatgtgggag cccacgtggt 3840
acaccttgtg tgtgtattgc ccgctgcccc cgggcccatc cgtgtagggg cggttgcca 3900
ggatctccac gccgctgccc gcaaccactag cc 3932

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<210> 3345
<211> 3235
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2338)
<223> similar to gi4200216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3345
actcggttta gagggcttcg gccggcggtg gcccattgga cagccctgct ggcactgggc 60
ctgcctggct ggggtgttggc tgtctcagcc acggcggtc ctgtggtccc cgagcagcat 120
gcctccgtag ctggccagca tcccctggac tggctgctca cagaccgggg ccccttccac 180
cgcgctcagg agtatgctga cttcatggag cggtagccgc agggtttcac caccaggtag 240
aggatttata gggagtttgc ccgttggaag gtgaacaact tggctctgga aaggaaggac 300

```

tctttcagtt	tgccattgcc	tcttgcccca	gagtttatcc	ggaacattcg	cctccttgga	360
aggagaccca	atctgcaaca	ggttacagaa	aatctgatta	aaaagtacgg	cactcatttc	420
ttactttctg	ccacccttgg	aggagaagag	tccctgacca	tttttgtgga	caagcagaaa	480
ctgggaagaa	agacagagac	aacaggaggt	gcctctataa	tggggggcag	tgggaacagc	540
acagctgtgt	ccttggaagc	cctgcaccag	ctggccgcct	cctacttcat	cgacagagag	600
agcacgctgc	gacggctgca	ccatatccag	atagccacgg	gggccatcaa	ggtcaccgag	660
accaggaccg	gtcctctggg	ctgcagcaac	tatgacaatc	tggactcagt	cagttctgtc	720
ttggtacaga	gtccagagaa	caaagtacag	ttacttggcc	ttcaggtgct	gctgcctgag	780
tatctgcgtg	agcgctttgt	agctgcagca	ctcagctaca	tcacatgcag	ctctgagggg	840
gagctcgtct	gcaaggagaa	tgactgctgg	tgcaagtgca	gccccacctt	ccctgaatgc	900
aactgcccct	atgtctgacat	ccaggccatg	gaggacagcc	tgctgcagat	ccaggactcc	960
tgggcactc	acaaccggca	gtttgaagag	tcagaagagt	tccaggccct	gctgaaaagg	1020
ctgcccgatg	accggttcct	gaactccaca	gctatctccc	agtttctggc	catggacacc	1080
agccttcagc	accgctacca	gcagctggga	gctggcttga	aagtgtggtt	caaaaagacc	1140
catcggtacc	tacgccggct	cttcaacctc	tgcaagcgct	gccatcgcca	ccctcgcttc	1200
cgctgcccc	aggagaggtc	cttgtcctac	tgggtggaacc	gaatccagtc	cctcctctac	1260
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tatgaccaat	cttcctgcca	gggccccatc	ccatgtgcct	tgggcgaagg	gcccgcgtgt	1380
gccactgtg	ctccagacaa	tagcacacgc	tgtgggagct	gcaaccgggg	ctatgtgctg	1440
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gtacactcca	tcttcatcag	caatgacatg	cggtggggca	gctggtttga	cccttctctg	1620
aggaagcgca	tgctgctcac	cctgaagagc	aacaagtaca	agcctgggct	ggtgcacgtg	1680
atgttggcct	tgtccttgca	gatctgtctc	accaagaaca	gcaccctgga	gcctgtcatg	1740
gccatctacg	tcaacccctt	tgggggcagc	cactctgaga	gctggttcat	gcctgtgaat	1800
gagggcagct	ttcctgactg	ggaaaggact	aacgtggatg	cagctgcccc	gtgccaaaac	1860
tggactatca	ccttggggaa	taggtggaag	actttctttg	agacagttca	tgtttaccta	1920
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gagatgcactg	atccctctaa	gaatttgggt	tacatgaaaa	ttaacacctt	ggcaggtctt	2040
tggctacagc	ctgccctttg	accagatttg	ctatccggga	cttaattctc	cagttggact	2100
acccatatac	tcaaggttcc	caggactctg	cactcttgca	gctcattgag	ctcagggacc	2160
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aagccctcac	cttagtgcca	acagggtgtg	ctcccacgag	actttcagca	tccagtagat	2460
gggacctcga	ggctcgagct	gaagcaggcg	agagagaaac	agctactgcg	tgctgtgcgcg	2520
cacgcataca	cacacacaca	cacacactgg	cacaggggag	ctacaactaa	gcagcctcag	2580
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agagattaag	aaaaagaacc	agctgaacca	tgaacaaaac	aaaaatccta	aaagtgattc	2700
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gaatcctgac	attggttctt	acttttgtat	gctgcctcct	ctgtgccttc	ccagacgctg	2880
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ctggattgtt	cccagttccc	attgtgggtc	cttcagagct	cctttccaac	agcatctctc	3060
tgtcgaagaa	agaagctctg	tcaagttaga	gagagacaat	gtgtaggaaa	tgttcttttt	3120
taaaaaaaaa	taacaaaaac	aaaacaaaac	tatttatttt	gggattgttt	tccttgttta	3180
tctgctccaa	ccacctgaac	atctaagtaa	acatttatct	ggtttaaaaa	aaaaa	3235

<210>	3346
<211>	847
<212>	DNA

tcgttcaaca	ctaggggttg	tgaatacact	ccaagttggg	ggtggagttg	cagctcattc	360
ccattgcagt	ctgggattcc	atcgtgtgaa	tataccctaa	tgtgcttata	cagccaacat	420
gggcattggg	gtgctttcct	gttcgggggt	attatggaga	gtgtttttgt	gaagatttag	480
agcatgtctc	tggatgaaca	catgtacaca	tttctgtagg	gtatacacct	aggggtggaa	540
ttgttaggtc	atatatat	acatccaact	caagctcttt	catgaaagaa	gaaagaatgt	600
actggatgga	gtttgtctgc	tcaaagaatt	gacagaaaac	tagaaggg		648

<210> 3348
 <211> 4205
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4206)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(2067)
 <223> similar to gi4240265 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3348						
ggagaactcc	accgggctat	gcgaacagaa	tcctgcgaag	aggatggcat	tccctgtgga	60
tatgctggaa	aattgcagcc	atgaggaatt	ggaaaattct	gctgaagatt	acatgtcaga	120
tttaagggtg	ggggaccctg	aaaatccaga	gtgtttttct	cttctcaata	ttacgattcc	180
tattagcctg	tcaaagttag	gctttgtacc	tctttatggg	ggagatcaga	cccagaaaat	240
tcttgctctc	tttgacactg	aagattcact	gacagctgtg	gcactttacc	ttgctgatca	300
gtggtgggct	attgatgata	ttgtgaaaac	atctgttcct	tcaagagagg	ggcttaagca	360
ggtgagcact	cttggggaga	gagtggttct	gtatgttctg	aatcgaatta	tttatagaaa	420
acaggaaatg	gagagaaatg	agatcccatt	cctgtgtcat	agcagtactg	attatgctaa	480
gattctgtgg	aagaaaggag	aggccattgg	gttttattca	gttaagccta	caggaagcat	540
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aaagaaatac	agaggtaaag	attttgggct	tcacatgctg	gaggactttg	ttgattcctt	660
tacagaagat	gcgcttggct	tgcggtatcc	actgtcttct	ctcatgtata	cagcttgcaa	720
gcaatacttt	gagaagtatc	caggagacca	tgaactcctt	tgggaagttg	aagggtgttg	780
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Run with FASTXY 3.3t00, default parameters

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9831

<210> 3350

<211> 2056

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(1399)

<223> similar to gi2739460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3350

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ggtcaaaagc	tttctttcca	agatacctag	cgtcttctct	ggttcagaca	ttgttcaatg	180
gttgataaag	aacttaacta	tagaagatcc	agtggaggcg	ctccatttgg	gaacattaat	240
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cgcagactat	gaggctgaga	gcctggccag	gctgcagaga	gcatttgccc	ggaagtggga	480
gttcattttc	atgcaagcag	aagcacaagc	aaaagtggac	aagaagagag	acaagattga	540
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<210> 3351
 <211> 3247
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3249)...(973)
 <223> similar to gi6002189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3351
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 caaacacagc aaacagtcca gtccctgcaga ccacacaggg tacatctaga gggttctact 180
 tgcacacccc acacttccac tcctgtgaaa caactgtctt gggcatgaga agggccagga 240
 taggccaggt gaatggcagg ctgcccacaa accccaatcc caaaccaacc tcccaggcca 300
 tgggcccagg tccctgcagg aagatgctaa taggtacaac aggtagaaca tgtagacaca 360
 aacatctagt ttatTTTTTT ctgactgtaa ccaaagtcag caaaagaaac aacaaaactt 420
 caagtgcctt aagaaatcct cctggattca atgacaacac atcaatggcc gggcacaggg 480
 ttggattcct tttatgaaat caccttataa tctctcatca tcccaggggac agtgcctttt 540
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 caggttatct ctctccaaga gcatcagggt aggatgctct ttactctta caaactgtca 660
 ggtgggaggg ggaatcaccg acatcatttc attaaataac tgtgggagtc tggggatgct 720
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 tcaactgctt attttcaact gcatgcccgc ttttctcact ttgggttggg gaggttgaag 840
 gaccatgtaa tcacagagat tagagctccc tgtgaaattc aatcactgcc tttaggatct 900
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tttttggcac	ttgtcacaga	agtaggacag	ctgctcctcc	atccaagaca	cgtctccttc	3060
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<210> 3352
 <211> 1194
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1106)...(253)
 <223> similar to gil408211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aagcgggggg	tgattgttgg	gtaattgtca	gttggccatt	tggttcacac	caggcttgtg	120
agactgcac	ctttggacaa	taggcactaa	ttttctcagt	agataacttc	aaggagccca	180
gtgccaggga	gtgatgtccc	tcagcaaacc	ttttggtggc	agggcagtg	gtttgctcac	240
atcctgcatt	catgataaac	agtttgctgt	ttgatcatat	agcctccagc	agaatgctga	300
gttggtcacg	tcccacaggc	ctttggctcc	ctgcatatcc	ccctttctgt	ttatgtatta	360
attgaaagaa	tgttaaggctg	ggctgggagg	ctctcattct	ccaattgggtg	gtccatccga	420
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tgtttatgta	tttaattgaaa	gaatgtaagg	ctgggctggg	aggctctcat	tctccaattg	1080
gtgggtccatc	cgattttaca	gacttatatc	tgctgccggc	agactcttcc	caggggtcccc	1140
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<210> 3353
 <211> 2535
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (90)...(646)
 <223> similar to gi6003574 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3353

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agtccagatt	ccacacccaa	tcatccatca	caaacaacgc	ctgccccaaa	gaaaactccc	180
agttcttcat	ctcgacagaa	agataaagtt	aataaaagaa	atgaacgtgg	tgaaactcct	240
ttacacatgg	ctgctattcg	aggagatgtg	aaacaagtta	aagaattaat	aagtttaggg	300
gcaaagtga	atgtgaaaga	ttttgcaggt	tggacaccac	tgcatgaagc	ttgcaatggt	360
ggatattacg	atgttgctaa	gatacttata	gcagctggag	cagatgttaa	cacacaagga	420
ttagatgatg	acactccact	ccatgattct	gctagtagtg	ggcacagaga	tatagtaaag	480
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gatgtagcag	aaacagagga	gttggagttg	ctactaaaaa	gagagggtgc	tttatctgat	600
gatgatgaaa	gttacacaga	ttccgaagag	gctcaatctg	taaatccttc	tagtgttgat	660
gaaaatattg	actctgaaac	agagaaagac	tctctcatct	gtgaaagtaa	acagatactt	720
cccagtaaaa	cacctcttcc	atctgccctt	gatgagtatg	agttcaaaga	tgatgatgat	780
gaagaaatta	ataagatgat	tgatgatagg	catattctta	ggaaagaaca	acgaaaagaa	840
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aaatcattta	aaagtaaaaa	acaaaagcca	tctagggtct	tatattcaag	tactgaaagt	960
tctgatgaag	aagctcttca	gaataaaaaa	atttctactt	catgttccgt	catccctgaa	1020
acatcaaatt	ctgatatgca	aacccaaaaa	gaatatgtag	tttcagggtga	acacaaacag	1080
aaaggcaaa	ttaaaagaaa	attgaaaaat	cagaataaaa	ataaagagaa	ccaagagcta	1140
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ctagattggt	cagaaaagac	cagagaggag	gggaacttta	ggaaatcttt	tagccccaaa	1260
gatgatactt	cattacattt	atttcatatt	tccactggta	aatctcccaa	acattcttgt	1320
ggattaagtg	aaaaacagtc	aacaccacta	aaacaagaac	atactaaaac	atgtttatca	1380
ccaggaagtt	ctgaaatgtc	attacagcct	gatcttggtc	ggtatgataa	tacagaatct	1440
gaattcttgc	cagaaagttc	aagtgtaaaa	tcttgtaagc	ataaggaaaa	aagcaaacat	1500
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ctctttttta	atatggaaca	tgaatcctta	acattagaaa	aaaaatcaaa	attggaaaaa	1860
aacatcaaag	atgataaatc	aaccaaggaa	aagcatgtgt	caaaagagag	gaacttttaa	1920
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gaaaaacaag	aaaagcatat	aaaggaaaagt	aaagaaaaac	ctgagaagcg	atctcaaatt	2160
aaagaaaagg	acattgagaa	gatggaaaga	aaaacctttg	aaaagaaaaa	gaagataaaa	2220

catgagcata	agtcagaaaa	agacaaaatta	gatccttagtg	aatgtgttga	taaaaaaaaa	2280
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aaaaatactg	ctgctattaa	aaaaactgac	gacagaagg	aaaagtagag	aaaagatgga	2400
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gcacttgatg	gagaaaaaaa	aataaacaat	cagataatag	tgaatacagt	aatcagaaa	2520
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<210> 3354
<211> 7399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(6150)
<223> similar to gi2224543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ggtgcagcca	acgttggagg	agaacaaagg	aacttcagat	gggcaagaag	aggaagcagg	180
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cttctacccc	ctgatgggag	ttgaactgaa	tgaccgactc	ttgggcagcc	aacttttggc	420
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tgatgggccc	tatgacttct	accagcatcc	caatgttcca	gaagcacggc	agtgtcaacc	540
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gcaggaacaa	acagaagaac	aggaagatga	caaacagatg	accttgatgt	tgctggtcag	960
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gttactgggt	ttccattgtc	atgtcttgct	gatgccacag	gttgaaggaa	aggattcact	1080
ttgcagtgtt	ctatggaatt	tgtaccatta	ttacaagcaa	ttctttgacc	gggtccaggc	1140
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<210> 3355
<211> 1380
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (119)...(1000)
<223> similar to gi577276 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cctttatcag	aggttcacat	atgggaccc	ttgacaaatg	tttggattca	gggagcagaa	240
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<210> 3356

<211> 3479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3480)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(2095)

<223> similar to gi5262681 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3356

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<210> 3357
 <211> 2578
 <212> DNA
 <213> Homo sapiens

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<221> misc_feature
<222> (1)...(2579)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(2204)
<223> similar to gi791043 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3357

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```

```

<210> 3358
<211> 342
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (344)...(24)
<223> similar to gi699581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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tctataacaa tcacacggaa cttatgatcc ttatactttc tgatcctatc aagatgcttt 180
cgaacagcaa ctgcttttctt aagtacttgg tgcagatctt caagaagatc aggagcatga 240
tccttagact taagaattct tagcatgata ttgcctgtca caaaacgtac ttgtgcaaca 300
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```

```

<210> 3359
<211> 2666
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2666)
<223> similar to gi5257005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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agttgttcac ccagtgtaga actagaaaaa ccacctccag tcaatgtcga tagtaaacc 480
attgaagaaa aaacagtaga ggtcaatgac agaaaagcag aatttccaag tagtggcagt 540

```

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<210> 3360

<211> 7502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(6861)

<223> similar to gi3413886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gc						7502

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<210> 3361
<211> 187
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(180)
<223> similar to gi344422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ggctgcctat	cagaaagtgg tggctggagt ggctaatagcc ctggcccaca agtatcacta 180
agctcgc	
	187

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<210> 3362
<211> 3307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2408)
<223> similar to gil230564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3362	
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ctgcgaaagc	aaaccgagga	gaaagagaaa	aaagagaagc	caaaatctga	taagactgaa	180
gagatagcag	aagaggaaga	aactgttttc	cccaaagcta	aacaagttaa	aaagaaagca	240
gagccttctg	aagttgacat	gaattctcct	aaatccaaaa	aggcaaaaaa	agaaagagga	300
gccatctcaa	aatgacattt	ctcctaaaaa	caaaagtttg	agaaagaaaa	aggagcccat	360
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acaaaaagaa	gggcgctttc	tctaattttc	ccatatctga	agaaactatt	aaacttctca	660
aaggccgagg	agtgaacctt	ctatttccta	tacaagcaaa	gacattccat	catgtttaca	720
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aaaaccc						3307

<210> 3363
 <211> 4461
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (4464)...(2165)
 <223> similar to gi3724141 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3363
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 cattacatca agagaacccc ctcatgtgtc acaatcatgc ccgcttcctt tcccctcagc 180
 gcccgggaca cgtgaccgag atcataccct aaattcctga tccttttgca gttgccacat 240
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 caggcttgga gaatgagaaa gggttcccaa ggacaggatg ccagcgggat tctttgttgc 660
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<210> 3364

<211> 6566

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6567)...(1439)

<223> similar to gi4545099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tatcttcatg	cataaagacc	caggtgtggc	catattgcct	gagatagccc	taacaccagc	180
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cctgccccta	acgcccact	ccatgcctgc	ctcagtcacg	gtttgttttt	gcttctggaa	300
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<211> 6556
 <212> DNA
 <213> Homo sapiens

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 <222> (6558)...(1397)
 <223> similar to gi2564332 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3366
<211> 1120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(726)
<223> similar to gi4755083 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3367
<211> 326
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(297)

<223> similar to gill143061 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3368

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (135)...(388)

<223> similar to gil840393 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters .

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tcagactatt	tgtcggagca	cggatctacc	actccattgc	atatttgaca	cccctttccc	300
agccaaatag	agcttttgaga	ttttttgttg	gatatggagt	tacctctttc	catggcttac	360
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<210> 3369

<211> 631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (522)...(214)
 <223> similar to gi4929553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3369
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 aatccatgga aggagagaaa ggggatgaaa cttgaaggaa ccaggactct ggaggatgca 120
 ggatgctgtt tctctggatg agatgtactc tgccactgtg ctctctgggc actttcagat 180
 gatgggggtct gagatgtctc ctcaggctgc atcagctgtc ttcagtctcc agaacagaaa 240
 gagcctgacc caggggcatc ttgggtggcc accagaacca ggtttctggg agagagttca 300
 ggactgaaga tggggcagga gctcagcatg gaaaccctgt tcctgaagggt acagcagccg 360
 gtccagtaga ataagcgtct ccaccagtgg ggcaagcagt agagccaggc tgaagaaggc 420
 caccacacgg ttctcctggg ccacgtgggc ctgaagggca gccagattca gtggcagctg 480
 gggatctagc cccactcgct gtagcccccg ctgcacatat ctgtgggatc agtcacattc 540
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 cagttccaac tttgctttat tttctcgtgc c 631

<210> 3370
 <211> 405
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (361)...(104)
 <223> similar to gi4929731 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3370
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 aacttcaaag ccacactggg gatgcaaaac ctctgacat tgaggcctgg ctgatcacta 180
 gacacgtgac ctagatgagc ttcacactgc ttgcagacaa cctctgtgcg agctgatcct 240
 aacgaggaat ccaaaggctt aagatccctg ggtggcttta tcagagccag acgtaccctg 300
 agccttggaa aacgaaagcc acccaatgcc agagcagtac tttttctcag aactgtgaag 360
 acataaacga tactacagct gctaatagaca ctgcaattaa cagcg 405

<210> 3371
 <211> 4357
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (3)...(3068)
 <223> similar to gi4034486 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3371

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agtggcctca	gacacaaagg	ggaatgatgg	ttgaacgacc	atgccctaag	ggaacaagag	180
gaactgcctc	atatctctgc	atgattttcca	ctggaacatg	gaaccctaag	ggccccgatc	240
ttagcaactg	tacctcacac	tgggtgaatc	agctggctca	gaagatcaga	agcggagaaa	300
atgctgctag	tcttgccaat	gaactggcta	aacataccaa	agggccagtg	tttgctgggg	360
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gagagaagac	atgcagggct	taccttaagg	caattgttga	cacagtggac	aacctttctga	540
gacctgaagc	tttggaatca	tggaaacata	tgaattcttc	tgaacaagca	catactgcaa	600
caatgttact	cgatacattg	gaagaaggag	cttttgtcct	agctgacaat	cttttagaac	660
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gtaaacctgt taataatgag cccatcacta atatccagtg taaagtttaa cacggtttgc 4320
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<210> 3372

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(354)

<223> similar to gi4689108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3372

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gacggagagg tactgacgac aaatcagatc tatgtgacca gacatgagaa ggctgcctat 180
gtgctgatgg ggcaccaagg ccttcccgga gtcttcatcc tctatgagct ctgcgccatg 240
atggtgaacc tgacggagat acacacgttc ttctctctct tcctgacaat tgtgggcgct 300
caccataggt ggcattgttct ttgagcattt tgtcattaat tacttaaccc ataagtgggg 360
gcttgggttc tttttcaaaa atgaaaactc tttacagggg ggccatagga ctttatatgg 420
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<210> 3373
 <211> 5255
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(4581)
 <223> similar to gil228035 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3373

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tgaaagacat	gagacagaag	acagaattac	aacagattgg	aaaaaaaaatt	ccaagctcct	180
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<210> 3374
 <211> 2440
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (344)...(1917)
 <223> similar to gi5052652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3374

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<210> 3375

<211> 2529
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2531)...(681)
 <223> similar to gi4884092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3375

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09488735 "013100

<210> 3376
 <211> 4333
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4336)...(404)
 <223> similar to gi4033735 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3376
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 tagtgtatat aatcactgtg ttcttggtca ctactggcat ttactgttta acatcaaaaa 240
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 ataacgaata taggtgttct tatcatcggt gtagattctt gggtaatgtg ctatgagagc 480
 gtcttgaggaa ccaatgtaga tggagttgta aattttccaa tatacatctc tgactttccg 540
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00483735 "012100

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<210> 3377

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (835)...(251)

<223> similar to gi3493462 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<210> 3380
 <211> 2580
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(1976)
 <223> similar to gil556399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agtattctct	gctacttctg	aatctgtttt	gtcttcctaa	tctatcacia	ttgccaccca	2400
tcgggttttg	ggtgtgtgtt	ttcatagcgt	ggttactttc	tataatgctg	taccagatt	2460
ctaagaacct	ggagaaggat	tagcagttct	tagtaagttt	actgtgtata	ggaacggttt	2520
gtatttcatt	acagctattc	atctttttcta	cattaataat	atttttctct	aaaaaaaaaa	2580

<210> 3381

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2407)

<223> similar to gi3822218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3381

caagtggctg	cgggacactg	ctgccagacc	tgccccaggg	agcgcagcag	ttcggagcgg	60
cagccgagcg	gcctgtcctt	cgagtatccg	cgggacccgg	agcatcgcag	ttatagcgac	120
cgccggggagc	caggagctga	ggagcggggc	cgtggtgacg	gccacacgga	cttcgtggcg	180
ctgctgacag	ggccgaggtc	gcaggcgggtg	gcacgagccc	gagcctcgct	gctgcgctct	240
agcctccgct	tctctatctc	ctacaggcgg	ctggaccgcc	ctaccaggat	ccgcttctca	300
gaccccaatg	gcagtgtcct	gtttgagcac	cctgcagccc	ccacccaaga	tggcctggtc	360
tgtgggggtg	ggcgggcagt	gcctcggttg	tctctgcggc	tccttagggc	agaacagctg	420
catgtggcac	ttgtgacact	cactcaccct	tcaggggagg	tctggggggc	tctcatccgg	480
caccggggccc	tggctgcaga	gaccttcagt	gccatcctga	ctctagaagg	ccccccacag	540
caggggcgtag	ggggcatcac	cctgctcact	ctcagtgcac	cagaggactc	cttgcatttt	600
ttgctgctct	tccgagggct	gctggaaccc	aggagtgggg	gactaaccce	ggttcccttg	660
aggctccaga	ttctacacca	ggggcagcta	ctgcgagaac	ttcaggccaa	tgtctcagcc	720
caggaaccag	gctttgctga	ggtgctgccc	aacctgacag	tccaggagat	ggactggctg	780
gtgctggggg	agctgcagat	ggccctggag	tgggcaggca	ggccaggggc	gcgcatcagt	840
ggacacattg	ctgccaggaa	gagctggcga	cgtcctgcaa	agtgtccttt	gtggggctga	900
tgccttgatc	ccagtccaga	cgggtgctgc	cggctcagcc	agcctcacgc	tgctaggaaa	960
tggctccctg	atctatcagg	ccgtgggtat	ctgcctggg	ctgggtgccc	gaggggctca	1020
tatgctgctg	cagaatgagc	tcttcctgaa	tgtgggcacc	aaggacttcc	cagacggaga	1080
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gggtagcccc	agaggggagc	tccgagggca	ggtgcacata	gccaaccaat	gtgaggttgg	1500
cggactgcgc	ctggaggcgg	ccggggccga	gggggtgcgg	gcgctggggg	ctccggatac	1560
agcctctgct	gcgcgcgctg	tgggtgcctg	tctcccgccc	ctagcgcccc	ccaaacctgg	1620
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cggggctcgc	tgggcgcccc	actacgaccc	gctctgtctc	ctctgcacct	gccagagacg	1740
aacggtgatc	tgtgaccggg	tgggtgtgcc	accgcccagc	tgcccacacc	cggtgcaggc	1800
tcccagaccag	tgtgcccctg	tttgccctga	gaaacaagat	gtcagagact	tgccagggct	1860
gccaaaggagc	cgggacccag	gagagggctg	ctattttgat	ggtgaccgga	gctggcgggc	1920

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agcgggtacg cgggtggcacc ccgttgtgcc cccctttggc ttaattaagt gtgctgtctg 1980
cacctgcaag gggggcactg gagaggtgca ctgtgagaag gtgcagtgtc cccggctggc 2040
ctgtgcccag cctgtgctgt tcaacccac cgactgctgc aaacagtgtc cagtggggtc 2100
ggggggccac cccagctgg gggaccccat gcaggctgat gggccccggg gctgccgttt 2160
tgctgggcag tggttcccag agagtacag ctggcaccac tcagtgtccc cttttggaga 2220
gatgagctgt atcacctgca gatgtggggc aggggtgcct cactgtgagc gggatgactg 2280
ttcactgcca ctgtcctgtg gctcggggaa ggagagtcga tgctgttccc gctgcacggc 2340
ccaccggcgg ccagccccag agaccagaac tgatccagag ctggagaaaag aagccgaagg 2400
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cagctggggc agaccgaggt cacagccact ccaagtcctg ccctgccacc ctcggcctct 2640
gtcctggaag cccacccct ttcctcctgt acataatgtc actggcttgt tgggattttt 2700
aatttatctt cactcagcac caaggggccc cgacactcca ctctgtctgc ccctgagctg 2760
agcagagtca ttattggaga gttttgtatt tattaataca tttctttttc agtcaaaaaa 2820
aaaaa 2825

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<210> 3382
<211> 1504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1093)
<223> similar to gi5262621 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3382
gcggggcgccc caaagcagtg cgggaacagc tactggcgct gtccgcctgc gccccgttca 60
atgtgcgctt caagaaggat cacgggctgg tggggcgagt gttcgcttc gatgctactg 120
cccgctctcc aggatacgag ttcgagctga agctcttcac cgaatacccc tgtggttccg 180
gcaatgtgta cgccggcgtc ctggcagtg ctgccagat gttccacgat gctctgcggg 240
agccgggcaa ggcactggct tcttcgggct tcaagtacct cgaatatgaa cgccggcatg 300
gatcaggaga atggcggcag ctggggcgagc tgcttacga cggcgctcgc agcttccgcg 360
agccagctcc cgcgaggcc ctgccccagc agtaccaga gccggccct gcggctctct 420
gtggccccacc cccgcgagcc ccattcccga acctggcgcc caccgcgcgc cgtcgcaagg 480
catccccga gccggagggc gaggcggtg ggaagatgac caccgaggag cagcagcaac 540
ggcactgggt ggcacccggc ggcccgta ctccgtgagc ccctgggtgt ccctcgcca 600
ttgccgccct gaagaatgtg gccgaagccc tggggcactc acccaaggac cctggcggag 660
gcggggggcc tgtgcgtgca gggggcgcca gccctgcagc ctctccacg gccagccgc 720
caaccagca tcgccttgtg gcccgcaacg gcgaagcaga agtcagtcac acagcggggg 780
ccgaagctgt cagcgggggt ggcagcgga ctggggcgac ccctggggcc cccctgtgct 840
tgtacctgt gcaggagcg gctagaagac accacttcg tccaggtgcc ctccggtgcc 900
cgaacacaag ttctgttcc cctgtctccg gaagttcatc aaggcgagg gcccgccgg 960
ggaaggtgta ctgcccagc ggagacaagt gcccgctggt cggctcctcc gtgccctggg 1020
ccttcattgca gggcgagatc gccaccatcc ttgctggaga catcaaagtt aagaaagaac 1080
gggaccccta ggctaccact gcctccaggc tactgcctc tgcccctttg ccaccaccg 1140
ctgccgcgga taaattatc cctccccgac ccagcccagt gccacctcta tctgtgtaca 1200
tactcccttc ttccaccag atgggtcccc tggggtagat gcattgtggg tggggggaga 1260

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aagcttgtgg	ctcctgtccg	aggggggtgtt	tgggggtccct	tggccccctcc	agtttccctc	1320
tgtcctcctt	ggcttggctt	tgctgctgct	tgtagttggg	ggagaggtgc	ccccctcctc	1380
cttgagaagg	gacctcctga	aaactcgctc	tttataaacg	aggcaaaagc	atttaattcc	1440
caccccccca	ccccccgctc	ccttctgctc	cttcaataaa	ccgaaagatg	ggtttttttt	1500
tttc						1504

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<210> 3383
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(1247)
<223> similar to gi5442271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09483735.01340

<400> 3383						
gccaggccgg	caccaggcac	agacacttat	gcccttgttg	ggagaacaga	gagaggctct	60
cttgtccact	gcctgtcttc	ggttccaact	gctggttctc	ctagaggcct	ctcctcagac	120
tcgcagagct	gcctgatcat	tgctacagaa	tgaactctag	cccagctggg	accccaagtc	180
cacagccctc	caggggccaat	gggaacatca	acctggggcc	ttcagccaac	ccaaatgccc	240
agcccacgga	cttcgacttc	ctcaaagtca	tcggcaaagg	gaactacggg	aaggtcctac	300
tggccaagcg	caagtctgat	ggggcgttct	atgcagtga	ggtactacag	aaaaagtcca	360
tcttaaagaa	gaaagagcag	agccacatca	tggcagagcg	cagtgtgctt	ctgaagaacg	420
tgcggcaccc	cttcctcgctg	ggcctgcgct	actccttcca	gacacctgag	aagctctact	480
tcgtgctcga	ctatgtcaac	gggggagagc	tcttcttcca	cctgcagcgg	gagcgccggt	540
tcctggagcc	ccgggccaag	ttctacgctg	ctgaggtggc	cagcgccatt	ggctacctgc	600
actccctcaa	catcatttac	agggatctga	aaccagagaa	cattctcttg	gactgccagg	660
gacacgtggg	gctgacggat	tttggcctct	gcaagggaagg	tgtagagcct	gaagacacca	720
catccacatt	ctgtggtacc	cctgagtact	tggcacctga	agtgtctctg	gaaagagcct	780
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ctgccgcctt	tctacagcca	agatgtatcc	cagatgtatg	agaacattct	gcaccagccg	900
ctacagatcc	ccggaggccg	gacagtggcc	gcctgtgacc	tctgcaaag	ccttctccac	960
aaggaccaga	ggcagcggt	gggctccaaa	gcagactttc	ttgagattaa	gaaccatgta	1020
ttcttcagcc	ccataaactg	ggatgacctg	taccacaaga	ggctaactcc	acccttcaac	1080
ccaaatgtga	caggacctgc	tgacttgaag	cattttgacc	cagagttcac	ccaggaagct	1140
gtgtccaagt	ccattggctg	tacccttgac	actgtggcca	gcagctctgg	ggcctcaagt	1200
gcattcctgg	gattttctta	tgcgccagag	gatgatgaca	tcttggtattg	ctagaagaga	1260
aggacctgtg	aaactactga	ggccagctgg	tattagtaag	gaattacctt	cagctgctag	1320
gaagagctgt	att					1333

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<210> 3384
<211> 1067
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (26)...(498)
 <223> similar to gi3135264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3384

gttccgggag	gcgcgtgggg	cttgaggccg	agaacggccc	ttgctgccac	caacatggag	60
actttgtacc	gtgtcccgtt	cttagtgctc	gaatgtccca	acctgaagct	gaagaagccg	120
ccctggttgc	acatgccgtc	ggccatgact	gtgtatgctc	tggtggtggt	gtcttacttc	180
ctcatcaccg	gaggaataat	ttatgatggt	attggtgaac	ctccaagtgt	cggttctatg	240
actgatgaac	atgggcatca	gaggccagta	gctttcttgg	cctacagagt	aaatggacaa	300
tatattatgg	aaggacttgc	atccagcttc	ctattttacaa	tgggagggtt	aggtttcata	360
atcctggacc	gatcgaatgc	accaaataatc	ccaaaaactca	atagattcct	tcttctgttc	420
attggattcg	tctgtgtcct	attgagtttt	ttcatggcta	gagtattcat	gagaatgaaa	480
ctgccgggct	atctgatggg	ttagagtgcc	tttgagaaga	aatcagtgga	tactggattt	540
gctcctgtca	atgaagtttt	aaaggctgta	ccaatcctct	aatatgaaat	gtggaaaaga	600
atgaagagca	gcagtaaaaag	aaatatctag	tgaaaaaaca	ggaagcgtat	tgaagcttgg	660
actagaattt	cttcttggtg	ttaaagagac	aagtttatca	cagaattttt	tttctgtctg	720
gcctattgct	ataccaatga	tgttgagtgg	cattttcttt	ttagtttttc	attaaaatat	780
attccatata	tacaactata	atatcaaata	aagtgattat	tttttacaac	cctcttaaca	840
ttttttggag	atgacatttc	tgattttcag	aaattaacat	aaaatccaga	agcaagattc	900
cgtaagctga	gaactctgga	cagttgatca	gctttaccta	tggtgctttg	cctttaacta	960
gagtgtgtga	tggtagatta	tttcagatat	gtatgtaaaa	ctgtttcctg	aacaataaga	1020
tgtatgaacg	gagcagaaat	aaatactttt	tctaattaaa	aaaaaaa		1067

<210> 3385
 <211> 1748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1749)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1326)...(0)
 <223> similar to gi4587129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3385

gttagcaaaa	taccatttta	ttaagaaaaa	gttggtgtcc	tttgctacca	aaaggggaaga	60
aaaggggant	aaaacaaata	cgtagttact	agcaacaaaa	taagacaaac	taatcagaaa	120
tgctgtttat	tgacaagata	gggtgtcaca	aatacatcat	ttataggagg	agaggggaca	180

tgaacaagtc	ccaaaatctt	ataccttctg	cacagcaagc	ccagcagggg	atgtcctctc	240
tagagatcgg	tttatccaag	ggtaccccat	gagaagggca	gctccttgan	tgcagctgcc	300
gggaagagca	tgcacaccg	gttccgtctc	ctgggggtctt	ccccagggg	aatggtaaaa	360
gtctggccct	ggaaagtaaa	cgaacgtccc	ttgatgcggt	tcntttgcaa	gtcaaacctt	420
tggcaaaaaa	tagttcttgg	ccttcaattg	aggtttctcg	aatggcaagc	ctcccagagc	480
tttctgcttt	tctttcgggc	tgatccgtag	ggaaggcttg	cttgaagcca	cccggggaac	540
tttggccact	taaggaacat	gggcacgacc	tttgtcccag	gatagccccg	tcaacccaag	600
atggggctcg	atgggccaatg	ttggagaaga	tttaaggcct	tttcttgagg	ttcccaagaa	660
tgaactgcgc	aaaagccaag	ttcagcactg	tttcagaggc	caagtactgt	aaccggtaat	720
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aatgaaccaa	caatttttgt	aaaagcttat	gtgcttctga	catttggttc	tgagattgta	960
atacaaccgc	tttcctataa	accaccctct	atgctattga	ggagctgtga	attccctgta	1020
accaagtga	tcaagccaaa	atggatatatt	gccaatcatt	tcaattgctc	tgtcaaaact	1080
gtattttttg	atcacataag	catccataac	tgggcgtgct	tgactattag	gcggaaatcg	1140
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taagctctgc	gaggtggcag	agtgcgacag	caaaggactc	tgtgttggtc	tgctgcacgc	1260
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gccatggtgc	tgcgggccat	acagcctcca	gatggccgtt	tttctgtgcg	atgctgatat	1380
cgatgagctc	tgacaggctg	tgtttccagt	gcaggaggtc	ggagtccttt	agggcatcca	1440
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agctcaaaca	gtgctggaga	cacacgtgat	cgttggtactc	ctgggcaatc	ctaattgcct	1620
cctgcagggc	gagctctgcc	tgttgatagt	gaccgaagcg	gcagtgcagg	gcggcaagat	1680
tcagagcggc	gtatctcaag	ctccggccat	agccctcttc	cccattactt	ttgcttcgga	1740
cgcgtggg						1748

<210> 3386

<211> 3032

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(642)

<223> similar to gi5410355 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3386

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ttttcttctg	catgggtggg	accccatgc	tgtggcacgg	cttctgctgt	gattgggtta	180
ttataccct	gcattgacag	acatctagga	gaaccacata	aattttaaag	agagtgggtcc	240
agtgtaatgc	ggtgtgtagc	agtctttgtt	ggtataaatc	atgccagtgc	taaagtggat	300
ttcgataaca	acatacagtt	gtctctcaca	ctggctgcac	tatccattgg	actgtgggtg	360
acttttgata	gatctagaag	tggttttggc	cttgagtag	gaattgcctt	cttggcaact	420
gtggctcactc	aactgctagt	atataatggt	gtttaccaat	atacatctcc	agatttcttc	480
tatgttcggt	cttgggtacc	atgtatatatt	tttgctggag	gcataacaat	gggaaacatt	540
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gaagaaggca	aaaaatatct	tttgtacaga	aaagcaagat	gaaaaggatg	tgaaatggta	660
gataaccaa	caaaacttca	gactgtaaaa	ttgccaggat	gcagttttcc	ccttgattgg	720
ccgtgtgtgt	atatatggaa	taaatatata	tatacacaca	cacatattac	tgcaatcctg	780
tgattgcttc	atctgtaaat	cagttgtaaa	cctttacata	tttgacttaa	ataactgtaa	840
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gttttactgg	aagtataatgt	gtaggcagaga	agaggttatc	agcattaaat	tgttttgggt	1320
ctaaatttgg	aacagtatat	ataattaaaa	gtaaggaaaca	ttagaggatt	taattagaat	1380
aaatacatgt	tttggaataa	cagtgcacct	ttgcagtgtc	acaaaagtgc	aaagtgatata	1440
tagctgtcat	ctgcaataca	gaatctcatt	gcttttgcac	atggagcata	taggaaactc	1500
caaacagatc	acaatgaggg	tttctaatac	tgttgggggt	ctgtcttctt	attgggggttc	1560
tgtgaaggca	aaccactgta	ggcttttagct	gggggttcagt	catatggact	tcgttgggtg	1620
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ttcttatgta	ttcgtgtatc	cattagtga	tagttcaagt	ctgtttaaga	gtgtattgag	1740
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aacatattct	tagctaattt	tttccattag	tttttgaaat	tggtggcagt	tgtctgatcc	1860
acaagggcaa	gatcttctga	gtactctggg	gtgtgagtat	gtgtgcacac	gtgtgtgttg	1920
gagtgaagtga	gagaatgtgt	ctgtgcatgt	ggccatgctt	tcctagaatg	tcaagtagat	1980
atttttacac	tttgagtttt	aaagcaatta	ctatcagact	gagatcttgt	atgccaaact	2040
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aatatgtgta	cacaatctta	actatcgtgg	tggaaaacat	actactataa	tttattatta	2160
tatcttccag	ataatgttat	tcatttagaa	caaataagggt	atatttttta	gaatcaactt	2220
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tgctgttaaa	agcaacacgt	attaaatatg	taattatcat	ctgggttaag	agtctgtttt	2340
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tgtggttgaa	gttaccaaga	aacgatgaaa	agaaactaaa	tatagttgac	ccttgaacaa	2460
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tgatgaacac	atattgtgta	tggtatatgt	attatatact	gttttcttac	aatagtgtaa	2640
gctaaggaaa	agaaaatgtg	tttactcttc	attcagtgga	agtggaccat	cctaaaagtc	2700
ttcactcatg	ctatcttcat	gctgagtagt	aggctgagga	ggaggaggag	ggttgggtctt	2760
gctgttgccg	gggtggaaga	agatgtgcac	tatttagtggg	cccacacagc	tgaaaacccat	2820
gtctgttcaag	gggtcaactgt	gtgtgggtatc	gggtgagactg	aatgattatc	gttgggtgttc	2880
ttaaattatt	ttcagggtcct	ctagaaaata	tgataattat	agcaaaaaat	atgattgttt	2940
tgaaattttg	ataaatatat	aaatgtatag	aacctattgt	tttcaatgat	agaaaatggg	3000
aaacattttt	taacattgct	agattggcag	tg			3032

```
<210> 3387
<211> 1217
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1210)...(0)
<223> similar to gi4886481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 3387
tttttttttt ttctaaatga agtgcttttta attttcagac caaacatttt taatataaaa 60
acattttgat aatatacaaa cagcaatcac aacagcatcc acatggcagc aaggggacca 120
gggcacagag agggggagcg ggctggggag ggacagtttt caggggtccca gttgcttccc 180
tggttgaaa tcacctggt cctagcagag gacagggttaa ggctgccaga ggagagggt 240
ccctgaccct ggcccggaga cagactgccc aggcaggccc tctgatacca tcttccaacc 300
atggcagcct ccaggaaaag ccagatccat ttaggagata acaggaaggt ggctgtgatt 360
gacaggaaag gcaacatggt tcctcagcat cctgctgac acacctctgg gaggggctgc 420
tggattgaag aggacctaa aatcttcctg ggagcaggac agaaatggga tctaagtcta 480
cctactaact aacattccc cctgtgacac cagaaagctg gactggagcc ttgacaggca 540
acaggaagag aaaggaatga caaagccttt ggctcagcag gactggagcc ttgacaggca 600
ctgaccaaga aagcctctag gtgggccagg gaggtctgtg ggaaagcttt ggatcaatgg 660
tactcaaggg tgacagtggt cacagtggcc ttagttagaa tttatgaaga cgaaaagaac 720
acaagtcaga atttagaact gaagtacctg cttcttatag gcctgtagag gaaaagcgag 780
atcatccttc tggccaggac taggggagac ccaaggcctg ttctttccta ggggctgagt 840
ttgacagacc tggattgcag ctgatggctc cmacagtcct ctagatgggc cctgcaggac 900
tcgctgggag gcctgggttc cctccccgg cgtgctggga cactctgggt tcctgcagtt 960
agatgcagtc catggagttc tcagggagga ggccagggat gcagccaggg agccccaagc 1020
ccttgatagg agtgagttg agtgggaggc cgcagcccag ggaggggtcc tgggtctcta 1080
tggcctccag cctgtccatg ttgttgtccc agttgatatg gaagcgggtc acccgggggt 1140
tcgaggccaa gatgttccgc tggagctggg agaaatctgg cttcatgggc gggttctcac 1200
gcagctcagc tcgtgcc 1217

```

```

<210> 3388
<211> 1273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1273)...(430)
<223> similar to gil397235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3388
tttttttttc atagttcata gtttattaca aatgcatatt atccaactca gtagaaatcc 60
atgtaccca gaatgtacag aaggtatgca atgttccaga gtgtcattgt cagctctgggt 120
tttatatata tattaaatat atacatat ttgagacaggg tctcgctgtc acccaggctg 180
gagtgcagtg gcacaatctc agctcactgc aacctctgcc tccagcctc aagagatcct 240
cccacctcat ctttctgagt agctgggact acatgcgcat gccaccacac ccagctatta 300
tttttatttc tttttgtaga gacaagggt cactatgttt ctcaggctgg tcttgaactc 360
ctgggtctcaa gtgatccttc tgccttggcc tcccaaagtg ctggaattat aggcagtagc 420
cactgagcct ggcctgatta tctgtttttt gaatagtgc cctaagtgc ttttccagtt 480
ccagtaactt ttgataaaat ttttcagcag tgtcttcac taggtccatc ttctgggtca 540
taatataatt tcttccaaag ccagtgggtg cactcagata tttgatcaga ggattgagag 600
attcaggctt ttgggtggaaa agccatacca gagcttctgt tccattatat ggtgtcaaag 660
tgaatgcatt tgcaaaaaag cgaagtagca atattgccg catcaacagc gtccatataa 720

```

```
acggaggcag aattccatat gtcaaattgg tcaatgctgt acctggacag gccacattgg 780
aatagagacc ctgctggttg aagttcctgt tcaaagccac actcaaaagg tcagtggcat 840
at ttggaaga gctgtagggt tccttgccct tgctgtgctg gaagtcctcg aggctgaaat 900
tagatttcct tgcattgcga gatgatgtcc agatgagctg agatggattg tcactgtgac 960
agaggagagg ctccagttcc cgaatcagga taaaatggcc aaagacattg gtctcaaaca 1020
cctcctgaag tccatcagca gtgatcttat caccctgggt cagcaggcct tcagcttgaa 1080
aagaggccaa agaaaagtgc tttgatattt agttgtggat taggcatgat cccagcattt 1140
agatatatac agtctaactc ctgaaacctt tgcttaagtt ccttggaggc ccggaagacc 1200
gactgcaggt tgctgacatc cacctggaca atggtgacct cagcagtggg gtgagaggcc 1260
agcagagcag cac 1273
```

```
<210> 3389
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (348)...(130)
<223> similar to gi1333929 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3389
ggcacgaggc tcctcacctt gggctggacg ggggtggcac taacggggaa ctttccccag 60
aacatggcca agctccagga tgggggtgat gaggggaagga aggccagtga ggagaggagt 120
gaggaagagg acagctgcga gtcagggtgg gagagcactt ggaggggctg agaggacatg 180
ggctgggagt gaatgcatgt gcacatacac acacacacct ctccagcata tgtacacatg 240
cacacacaca cctctccagc atatgtacac atgcacacac acctctccag catatgtaca 300
catgcacaca cacacctctc cagcatatgt acacatgcac acacac 346
```

```
<210> 3390
<211> 1118
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(1121)
<223> similar to gi3041847 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3390
ggcacgagga caagttccgc ggactggagc tcagcagaca atgtactaga tgggtgcctcg 60
```

ctcgtgcca	agggttcac	caaagtcaag	aggcgagtcc	gcattcccaa	caagcccaac	120
tacagccta	acctctggag	catcatgaag	aactgcatcg	gccgggagct	ctccaggatc	180
cccatgccg	tgaacttcaa	tgagcccctg	tccatgctcc	agcggctgac	agaggacctg	240
gagtaccacc	acctgctgga	caaggcagtg	cactgcacca	gctcagtgga	gcagatgtgc	300
ctggtggccg	ccttctctgt	gtcctcctac	tccaccacag	tgcaccgcat	cgccaagccc	360
ttcaacccca	tgctggggga	gaccttcgag	ctggaccgcc	tcgacgacat	gggctgctgc	420
tccctctgtg	agcaggtgag	ccaccacccc	ccctcagctg	cgactacgt	gttctccaag	480
catggctgga	gcctctggca	ggagatcacc	atctccagca	agttccgggg	aaaatacatc	540
tccatcatgc	cgctaggtgc	catccactta	gaattccagg	ccagtgggaa	tcactacgtg	600
tggaggaaga	gcacctcaac	tgttcacaac	atcatcgtgg	gcaagctctg	ggatcgacca	660
gtcaggggac	atcgagattg	tgaaccataa	gaccaatgac	cggtgccagc	tgaagttcct	720
gccctacagc	tacttctcca	aagagggcag	cccgaaggt	gacaggggtg	gtgagtgaca	780
gccagggcaa	ggcccattac	gtgctgtccg	gctcgtggga	tgaacaaatg	gagtgtctca	840
aggtcatgca	tagcagtccc	agcagcccca	gctctgacgg	gaagcagaag	acagtgtacc	900
agaccctgtc	agccaagctg	ctgtgggaaga	agtaccgcgt	gccggagaac	gcggagaaca	960
tgtactactt	ctcagagctg	gccctgaccc	tcaacgagca	cgaggagggc	gtagcgccaa	1020
ccgacagccg	cctgcggccc	gaccagcggc	tgatggagaa	gggccgttgg	gacgaggcca	1080
ataccgagaa	gcagcggctg	gaggagaagc	agcgcctg			1118

<210> 3391
 <211> 1769
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(616)
 <223> similar to gi4894362 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters -

<400> 3391						
aagcagagat	cagcacttaa	taggcattgc	atggtccaca	caggagagaa	accgtacaga	60
tgtgagcagt	gtggaaaagg	ctttattggt	aggctagatt	tttataagca	tcaggtggtc	120
cacacaggag	agaaaccata	taattgtaaa	gaatgtggga	agagcttcag	atggtcctca	180
tgctttttga	accatcagcg	agtccacagt	ggagaaaaaa	gcttcaaattg	tgaagaatgt	240
gggaagggat	tttatacaaa	ttcacaactg	tcttcccatc	agagatccca	cagtggtgaa	300
aagccatata	aatgtgagga	gtgtgggaag	ggctatgtta	ctaagtttaa	tcttgacttg	360
caccagaggg	tccacacggg	agagagacct	tataattgta	aggaatgtgg	ggaagaactt	420
tatccggggc	tcaagtattt	tgaatcataa	gagactccac	tgccagaaaa	aaccattcaa	480
atgtgaggac	tgtggaaaga	ggcttgtaca	caggacatac	cgtaaagacc	agccgagaga	540
ctatagtggg	gaaaacccat	ccaaatgtga	ggattgtggg	agacgctaca	agaggcgctt	600
gaatctggat	atacttttat	cattatttct	aaatgacaca	taattgttca	tatttatggg	660
gtacaacgtg	ctattttaat	gtgtgcatac	aatttatagt	gatccaatca	gtgtaattgg	720
tgtatctgtt	acctcaaa	tttaccattt	ctttgtgttg	gaaaattcaa	aatccatttg	780
agaggagtgt	gtagacagca	agggaagggt	ccctggagac	ccccagccaa	aggggtcagt	840
gtctcatccc	cacataacac	aaaaagcagc	ctggggaaga	caatcaagct	acaggcactg	900
ataagggaac	tagcacaggg	gatttgtcct	ggagacatgc	ccatgcctgc	acagatagaa	960
gaacctccag	cccattcagg	taaaaactcg	cacaaacctc	cggtcactc	agttaaggga	1020
acaagaccag	acacagaaat	gcctttgtcc	tttgtataat	cagcaggctc	cgaggaaaaa	1080
gtttcttctt	ttgtgggcat	gaacacagtg	ggcttcagta	ggttcaggtt	ggcactttct	1140

gcaaaatcgg	ctctacctc	agtgtagca	ccagacacag	ggtccttacc	tctgccttca	1320
gccgagccac	tagggacccg	tttgaccgt	cccgggttg	gggtgtcctg	ggcttttgctg	1380
ccaccacaa	cctctactca	atgaacgact	gtgccagaa	gatcctgcct	gtgctctgcg	1440
gtctcactgt	agatcctgag	aaatccgtgc	gagaccaggc	cttcaaggcc	attcggagct	1500
tctgtccaa	attggagtct	gtgtcggagg	accgcacca	gctggaggaa	gtggagaagg	1560
atgtccatgc	agcctccagc	cctggcatgg	gaggagccgc	agctagctgg	gcaggctggg	1620
ccgtgaccgg	ggtctcctca	ctcacctcca	agctgatccg	ttcgcaccca	accactgccc	1680
caacagaaac	caacattccc	caaagaccca	cgctgaagg	agttcctgcc	ccagccccc	1740
ccctgtttcc	tgccaccctt	acaacctcag	gccactggga	gacgcaggag	gaggacaagg	1800
acacaggcaga	ggacagcagc	actgctgaca	gatgggacga	cgaagactgg	ggcagcctgg	1860
agcaggaggc	cgagtctgtg	ctggcccagc	aggacgactg	gagcaccggg	ggccaagtga	1920
gccgtgtatg	tcaggtcagc	aactccgacc	acaaatcctc	caaatcccca	gagtccgact	1980
ggagcagctg	ggaagctgag	ggctcctggg	aacagggtcg	gcaggagcca	agctcccagg	2040
agccacctcc	tgacggtaca	cggctggcca	gcgagtataa	ctggggtggc	ccagagtcca	2100
gcgacaaggg	cgaccccttc	gctacctgt	ctgcacgtcc	cagcacccag	ccgaggccag	2160
actcttgggg	tgaggacaac	tgggaggggc	tcgagactga	cagtcgacag	gtcaaggctg	2220
agctggcccc	gaagaagcgc	gaggagcggc	ggcgggagat	ggaggccaaa	cgcgccgaga	2280
ggaaggtggc	caagggcccc	atgaagctgg	gagcccggaa	gctggactga	accgtggcgg	2340
tggcccttcc	cggctgcgga	gagcccgccc	cacagatgta	tttattgtac	aaaccatgtg	2400
agcccggcgg	gccagccag	gccatctcac	gtgtacataa	tcagagccac	aataaattct	2460
atttcacacc	ccttgtgccc	ggctcagtt	agcccctggg	aggcggctgg	ggtctggcgc	2520
cgccctgcgc	agcccgcgcc	cacgtcagac	gtgaacatca	atttgcttcg	aaagccaagg	2580
gtaaagaggc	acgatctgat	ttatcagttt	ctagggaaac	accctttggg	agggaaggca	2640
ggcagcgccc	ggcgggnagga	cctttacaac	cggcccgcga	acctggggag	gggggcccgt	2700
agggcgcttc	gcggtctcaag	gcgcctggga	gggtctagcg	gccctgaagg	tcccttggtc	2760
cgagccacag	tcg					2773

```
<210> 3393
<211> 2108
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (459)...(1694)
<223> similar to gi3043548 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3393					
tttcgtcgg	tgcactcttc	ctatagccca	gagggcgaga	gggcctgtgg	cctgggggaa	60
ggaggacgag	gttctgcctg	gatcccagca	gtaggacgct	gtgccatttg	ggaacaaagg	120
aatagtctgc	ctggaatccc	tgcagatctt	ggggccggag	gccagtccaa	cccttgagac	180
aggaagaaac	gcaaagtgtg	caagaaccaa	gtcgagctgc	ctcagagccg	gcccgcagta	240
gctgcagact	ccgcccgcga	cgtgtgcgcg	cttctctggg	ccagagcgag	cctgttttgt	300
gctcgggtta	agagatttgt	cccagctata	ccatgggccg	cactcgggaa	gctggctgcg	360
tggccgctgg	tgtggttatc	ggggctggtg	cctgctactg	tgtatacaga	ctggcttggg	420
gaagagacga	gaacgagaaa	atctgggacg	aagacgagga	gtctacggac	acctcagaga	480
ttggggttga	gactgtgaaa	ggagctaaaa	ctaacgctgg	ggcagggctc	ggggccaaac	540
ttcaggggtga	ttcagaggtc	aagcctgagg	tgagtttggg	actcagggat	tgtccgggtg	600
taaaagagaa	ggccccattca	ggatcccaca	gcggaggtgg	tctagagggc	aaqccaaag	660

```

cccttttcaa cacgctgaag gaacaggcaa gtgcaaaggc aggcaaaggg gctaggggtgg 720
gtaccatctc tgggaacagg acccttgcac cgagtttacc ctgcccagga ggcaggggtg 780
gaggctgcca cccaccagg agtggatcta gggccggggg cagggcaagt ggaaaatcca 840
agggaaaagg ccgaagtaag agcaccaggg ctccagctac aacatggcct gtccggagag 900
gcaagttcaa ctttccttat aaaattgatg atattctgag tgctcccagc ctccaaaagg 960
tcctcaacat cctggagcga acaaatgatc cttttattca agaagtagcc ttggtcactc 1020
tgggtaacaa tgcagcatat tcatttaacc agaatgccat acgtgaattg ggtggtgtcc 1080
caattattgc aaaactgata aaaacaaaag accccataat tagggaaaag acttacaatg 1140
cccttaataa cttgagtgtg aacgcagaaa atcagggcaa gattaagacg tacatcagtc 1200
aagtgtgtga tgacaccatg gtctgtcgct tggactcagc tgtgcagatg gctgggctaa 1260
gactgttaac caacatgact gtgactaatc attaccaaca tttgctttcc tattcttttc 1320
cagacttttt tgctttgtta ttcttgggaa atcacttcac caagatacag attatgaaac 1380
taattataaa ctttactgaa aatccagcca tgacaagaga gctggtcagt tgtaaagtag 1440
catcagaatt gatttccctc tttataaagg aatgggatag agagattcct cttaatatcc 1500
ttaccctatt tgagaatata aatgacaaca taaaaaatga agggctcgca tcatccagga 1560
aagaattcag cagaagttca ctttttttct tattcaaaga gtctggagtt tgtgttaaga 1620
aaatcaaagc actagcaaat cacaatgatc tgggtggtgaa agtaaaagtc ctgaaagtat 1680
taaccaaact ctaatttggg gtctgtccca aacaatattg agatatttgc agttggtacg 1740
atgtgatttg taaattcttt gtttttcatt gtgcgtatat ggtaaagaga tcttttcagc 1800
tgctattttg gaataatgac tatcatatat cataacagtg actgatgttg gttgtaatgg 1860
ttgggtttag ggatgacca ttttaaggat gcccaaatga aatattagga tttgggaccc 1920
agaaagaatt tattgatttg atcttattac ctagattgag attttttaat ctttcctcta 1980
cctaaactga caatgaattg gttatacatc atgcataagc taccctttta tattagttta 2040
tatttgttat tttaaaactt gtgtttcatc aataaagttg tgttttaagc agcagaaaaa 2100
aaaaaaaaa 2108

```

```

<210> 3394
<211> 1137
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1134)...(427)
<223> similar to gi3882211 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3394
ttttttaaac tagtacacac ttaggtgcaa acctcggttt attacgttct ttggttaaat 60
attgtttcta catcctttca gacgattagg agaacaaaaga taatatttga tagaaagact 120
gaaaacacaa tcctttgctt tcagagaaaa agactgaatt tacactggta ctggttagaaa 180
ttcttataat taggctagac gtctatttta gagaaagtta gggcttttgc tgttgcttgt 240
atgttttgaa aaatacatc ccttggggct agccaacatc actgtcctga gaccagacc 300
ttcaggaggt ctcttgataa aggtctgtcc gcacatgggt caggaaaagt cggggtcagc 360
tccatcatgt ccgaggactg catgggttca gtgttgccca tcaactgcggc aacggcttct 420
gccaccatc tctttctgga atacagacag attttgggtg aaacctgtct ctgttcttga 480
cggacaggtt ctgctccact ccttccatta ggtttctgaa gcaactggga aggacctct 540
gcttggggag gggctggctg tttatcaaac ttgctctcag ttcactgaaa tacttctcat 600
tgagcaggat gagccccagg agaggcctgg atactgacca ctgggtccga cagtcttcaa 660
agacaatggt gttcatgagg acagacatca tctgctgcag gacatctggg ttttgcgtgca 720

```


taaaatgtaa	tagtctctga	ccagcctggg	tagcctctct	gccatcgaag	tggccttctt	780
gcccctcttt	tgctatgtgc	ttgaagaggt	aggtgacgat	gtagtctaaa	ctggtacagc	840
agctggagga	gacaactgta	tcaagagtag	tgagtccctc	tgagatagat	gtgagaacat	900
acatgagtac	aggaggctct	aagttgatga	tgaagctcat	atggctcctga	gtgagacatt	960
ccaggagtgg	ataataagac	tggctcagtt	tccggtattg	tagcaagtca	ctgtgggaca	1020
ctgacagcag	catttttgaca	aaagcctgga	gtacattgtc	aaaatggttg	tccccataca	1080
acttgaagac	gccaaaagctg	acataatttc	cacacaaggc	agacttgagc	tcgtgcc	1137

<210> 3395

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1573)

<223> similar to gi530823 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3395

agcggccgca	gaccctgaag	ggacaccagg	agaagattcg	gcagcggcag	tccatcctgc	60
ctcctcccca	gggcccggcg	cccatcccct	tccagcaccg	cggcggggat	tccccggagg	120
ccaagaatcg	cgtgggcccc	caggtgccac	tcagcgagcc	aggtttccgc	cgtcgggagt	180
cgcaggagga	gccgcgggcc	gtgctggctc	agaagataga	gaaggagacg	caaatcctca	240
actgcgccct	ggacgcacatc	gagtggtttg	tggcccggct	gcagaaggca	gccgaggctt	300
tcaagcagct	gaaccagcgg	aaaaaggggg	agaagaaggg	caagaaggcg	ccagcagagg	360
gcgtcctcac	actgcgggca	cggccccccc	tctgaggggc	agttcatcga	ctgcttccag	420
aaaatcaagc	tggcgattaa	cttgctggca	aagctgcaga	agcacatcca	gaaccccagc	480
gccgcggagc	tcgtgcactt	cctcttcggg	cctctggacc	tgatcgtcaa	cacctgcagt	540
ggcccagaca	tcgcacgctc	cgtctcctgc	ccactgctct	cccagatgc	cgtggacttc	600
ctgcgcggcc	acctggtccc	taaggagatg	tcgtgtggg	agtcactggg	agagagctgg	660
atgcggcccc	gttccgagtg	gccgcgggag	ccacaggtgc	ccctctacgt	gcccagttc	720
cacagcggct	gggagcctcc	tgtggatgtg	ctgcaggagg	ccccctggga	ggtggagggg	780
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cagaagcaca	gccccacttc	agagcccacc	cccccggggg	atgccctacc	accagtcagc	900
tccccacata	ctcacagggg	ctaccagcca	acaccagcca	tggccaagta	cgtcaagatc	960
ctgtatgact	tcacagcccc	aaatgccaac	gagctatcgg	tgtcaagga	tgaggtccta	1020
gaggtgctgg	aggacggccg	gcagtgggtg	aagctgcgca	gccgcagcgg	ccaggcgggg	1080
tacgtgccct	gcaacatcct	aggcgaggcg	cgaccggagg	acgccggcgc	cccgttcgag	1140
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<210> 3396

<211> 3398

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3399)...(700)

<223> similar to gi2252820 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3397

<211> 1372

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1373)...(13)

<223> similar to gi3341990 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3398
<211> 6305
<212> DNA
<213> Homo sapiens

<220>
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<222> (6306)...(269)
<223> similar to gil504030 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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atcttatcaa gaagggtgaac agcttcagggt tgtcttctcc aaagagcatt tcccacttta 6240
tgccaaatgt ctttgtaagg accccataga ctagcagccg aatttaccgc caaaggcgctc 6300
gccat 6305

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```

<210> 3399
<211> 2290
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2291)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2284)...(430)
<223> similar to gi29865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3399
tttttttttc agaactacta aacatttatt gaatgtgtaa ggtattaaaa acattttacaa 60
ttttgttaat aaaatgatgt tttatatata tgtatgtatt atgctttgga atatgctaag 120
tcatgtagat aactttacat ttctttcaat aactttattc tttaaaaa atacaaataa 180

```

```

attaaanaaa acaattcaac ttttaaaagg gattacccat atgcaagaag aaggatttgc 240
tatcacccat tctaaattcc cccaatgcat tcatttcctg ttcccttatac tttcaactct 300
agtggcacaag taaagactga attgaaatta agctggcact acaacatcat taccagggat 360
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cgaattccgc 2290

```

<210> 3400
 <211> 5221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5222)...(2576)
 <223> similar to gi3043712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3400
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atctttcctt	ttactttgaa	tatgggaaaa	tcttttaaca	gagactcttt	ccgggcaaac	240
caatgaagat	ttagggcata	ggaaaatgct	tgtcacctta	agggttttaa	atataactgt	300
attcacccaa	atcaaggttt	ttactaggaa	gttttttacg	tttttatggt	attaaaaatc	360
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caaactgaaa	gcaattcttc	aattttattca	ggcaagcaag	tcaaaaaaat	aattttgtca	1380
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c
5221

```

<210> 3401

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (253)...(11)

<223> similar to gi4567174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3401

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309

```

<210> 3402
 <211> 3542
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3543)...(1622)
 <223> similar to gil469888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3402

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gg 3542

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```

<210> 3403
<211> 1750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1751)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1752)...(1407)
<223> similar to gi3925215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3403
aaagatcgaa cccaattct attctattct gacataatgc tcataatgct cctaaaggaa 60
aaaagtaaaa ttgtttatth tcctcccaag caaaacaaaa tgaacaagtt caatcaaaaa 120
catcccaatg gaaaaaaatc acactaagaa taaaacactt acagaacggc aagaaaactg 180
ggttaacata taaattttgtg tctgttgaaa ccagagtaca tgctagaaaa cattaacaca 240
gatacgacag agtggtggtt ttttttagaa atgggtaatt tctctctcca gtatcctttc 300
acttgatga gatatttctc ctctcctgtt ttcacaaacc aagaaatccc caggtaggcc 360
aatcccagag gtgccattta gcagtatgca gcagccaggt ttcagcataa caaaacatgc 420
cttggtagtg gctctctcat gcaaataaaa gaaagcttaa gaaattcttg ttgtaggtgg 480
attaggcaag gctgccattc agctggtata agctaaaagt aaaaaatcaa aacgctcaag 540
aaaacggaca caatttttga atgattaaag atgtctttat aaagtttttt tcaagacttc 600

```

attctaaata	cacagaataa	aaaatggtgt	cagctcactt	gtaagacacc	aaccagattt	660
tccttatact	gtctcaaaat	ttaaagatca	atltccccag	agggtgtgca	atgcatcata	720
aaatggccct	tttttgagga	tgggagagga	agggttgggc	aggatggaat	attaaattgt	780
aacatgataa	acatgcaaga	ctgttatcca	atctagataa	tttatataca	ttttgatgac	840
ttaggaaaac	aaagcaatca	tttgtgacaa	gcctaaaaag	cttgacatat	ttaacatact	900
taggaacttt	ttttgtgcgg	tgggaattct	ctaattgtat	catgtgggcc	ttttgaaagt	960
aacaaacaga	aggccagtct	gttgcaagtt	tgctgctgaa	catcacattc	caccctaaga	1020
aaacacaagg	tggattgcat	cgagggtgga	taccttacct	tagcacagaa	ggaaaaagta	1080
gtcagtgca	aagtatggac	taaactgctt	tcaggaaaaa	agttgtaaaa	attgatacag	1140
gttgaaaaag	ggaattttcc	ttcccggctt	ggagtcctcc	caattttaagg	cagaacccat	1200
ccactccaat	ttctgcagtt	taaaactttc	tctacttatt	tagttttctc	ctctgagttc	1260
aaccgctgtc	ggatttcgtt	ggcataactt	tgtgccatgg	agttaatgat	agataggatg	1320
aagtaaacaca	ccatgacaac	gaccaacttt	tcaaacatcc	aggacaacca	gttttctccc	1380
tgtggtgtgc	ccatttcgct	tttgtggtga	agcttctgcc	gttgagcctc	caggtactcc	1440
tgaaatggct	tctgcagaga	tggacctatg	ccggggacag	caccaatgaa	agccaccatt	1500
tgtccacta	tgtgcttgct	gaatgttatt	ataacaaaaa	ttttctggat	atgcattttt	1560
attattgctt	ttccaattag	gttgcaccaa	gaggccaac	caatcaacaa	ncaagngttt	1620
tgaccccatg	aaatgtgtcc	acacgttatt	ccagccagat	caaataaagg	atttggcaat	1680
tgaagcacag	gccaaaattc	caaaaaatcc	aactttctgt	actagttttt	gaactgccag	1740
tttgcccgg						1750

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<210> 3404
<211> 2487
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2488)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2488)...(186)
<223> similar to gi36122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3404						
tttttttttt	ttactatcta	caaaaattta	ttatatattt	acagaagaaa	agcatgcata	60
tcattaaaca	aataaaatac	tttttatcac	aacacagtac	atatttgtca	tttttaaaaa	120
gccacacaat	agaaacaaga	caccaagata	tttaattatc	ttgttgactc	ctgtaaaata	180
gctaaacact	catcattcgc	ggtgcaatac	tcatagacat	aagttcctga	aacaatagtt	240
tgcatgcgta	aggcattcgc	accaaagaaa	tctgggtttt	attgcggcag	cccctgcatt	300
catatgtatg	ggtcctggtg	ttggcaatcg	ccattattcc	acaaagattg	caaacatgaa	360
cctgatatgg	atctgatgcc	tcaaacaatc	tttcccttaa	aaactgggct	gctccatggg	420
caatctgaca	atctcgttcc	atlttctcaa	aacgcaggcc	accatcacga	gatctaccct	480
ccatgggctg	tctattgagg	atctgaatag	gtcccctagc	acgagagtga	atcttatcat	540
ccaccatatg	cttcaaacgc	tggtaataag	tggggccaat	aaatatlttg	gatgtgattt	600
ttcgaccagt	gaacccattg	tacaggacct	catttctctc	gagatgatag	ccataatcag	660
ataaaagatt	agaaatcttc	tgcacgttaa	cagcatcatt	aaatggagtg	gcacaccaa	720

tttcaccctt	gttagccgat	accttccctt	gaaggcattc	aattaagtga	ccaatagtca	780
tacgagaggg	gatggcatgg	ggattgatga	tgatatcagg	ggtgatacct	tcacaggtga	840
aaggcatatc	ctcttgtcta	tactgaatac	cacaagtacc	cttttggacc	atgtcgaact	900
agcaaatgtt	ctcccaatct	gtgggaaccc	ctaacagagc	gtaccoccta	ttttaacaaa	960
atttaatatc	ccttccctgg	attgaagagt	tacccataac	ctgatcccac	aatgcccgtc	1020
tcactagttc	ctgagaaaag	tgctacagtc	tcttcttggt	atagcgggtc	attgggtgctc	1080
tcccaaattc	atcttcattt	tccaggcaag	gtgactgttt	tgccataaat	aacatcatct	1140
cctgatacca	cgaacccccct	gggagctatc	aaaaccnatc	atcatccagc	ttgtcgtaaa	1200
tgccatgcgc	gtcntgccct	ggcatggttc	acgtgtaggc	ttctcaaaaa	cttcttcttg	1260
atcaaactct	tttttagact	cctgttcttt	gtatgagcga	tagaaaacag	acctgaagaa	1320
gccgcggtcc	tacagctgaa	cgattcatga	taacagagtc	ttccctgatt	atatcccagt	1380
gtatgatgca	atggccacaa	ttgagttgat	gcctgctggc	agctctctaa	atcgtagata	1440
ttccatagac	cggttagtca	caagtggctt	ttgaggataa	tagagaacat	gggccaatgt	1500
gtccatgcga	acatggaagt	tggtgatgta	aactcccata	gcctgcttac	ccatagcaga	1560
ctgggtatgtg	tttctagggg	actggttatg	atcaggaaag	ggaataatag	atgcacagac	1620
accaaggatc	attgagggat	gaatctcaca	gtgtgtatat	gtggaacaat	aagctacttc	1680
tttctcctgt	aaatcatctg	gagtcattgc	aagcatcact	gtttcttctt	ccagggtatc	1740
aataactcc	actaccccac	tggccacaag	atcctgccaa	ctatagttgt	tatattctct	1800
ctctttcaat	tgggtcaatat	gcctcttctt	caaaagtagc	ttttgttttt	ccacaatcag	1860
aagtgggtcta	caaatacggc	ctgcatccgt	atagatccga	atctccctct	ctcgaatata	1920
tctgatcata	gaaacttcag	acacaatgat	gtccatctga	cgtctcaatt	tccttagggg	1980
gttcataagt	tgttcgggat	ctttatgtat	tccaacccag	cagccattaa	caaaaatctt	2040
ggttgcatca	gcaatagctg	caggagaaat	ttcttctaaa	ttttccatac	tccattcttc	2100
taaaaattcc	agaattggag	atgggtgaga	tccaactgaa	atatacgcca	tcaaggctaa	2160
attcttcaca	agtcctacag	catggccctc	tgggggtctcg	gcaggacaca	ccattcccca	2220
caacgtatta	tgcaactgtc	ttggttttgc	tagcttgccg	tctctaccaa	taggagaatt	2280
taaacgacgc	aggtgagaaa	gagtagacgc	aaaagtcagg	cgggtttaaca	cctgagatac	2340
tccagctctg	gcttgatgag	ctttcttttg	atcaccccag	tttccagtag	ctaaagagta	2400
ttttaggcca	tcagatatga	tccgtgtttt	aattgccaac	tccaagttaa	aatcctttcc	2460
tcgatcaata	aatttctgtg	catagat				2487

<210> 3405

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(960)

<223> similar to gi2506078 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3405

aagcttggca	cgagggtctt	gtcagcagcc	cggccattgg	agcatatctt	tctgccagtt	60
acggagacag	cctcgtttgt	ctgggtggcca	cagtggtggc	tcttctggac	atctgcttca	120
tcttagtggc	tgttccagaa	tctctgcctg	agaaaatgag	accggtttcc	tggggagctc	180
agatttcttg	gaaacaagca	gacctttttg	cgctcgttga	gaaagttaga	aaagattcta	240
ctgtcttact	aaatctgcat	caccgtgtgt	ctttcatacc	ttcctgaagc	tgggacagta	300
ttcaagtttt	ttttctctat	ctcagggcag	gtcatagggt	ttgggatctg	ttaaaattgc	360
agcattcata	gctatggtag	gaattctgtc	tattgtggct	cagacggcct	ttcttagcat	420

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cttgatgaga tcattaggaa ataagaatac tgtcctcctt ggcttgggct tccagatgct 480
ccagtttagcc tgggtacggtt ttggatcaca ggcctggatg atgtgggcag cagggaccgt 540
ggctgccatg tccagcatca cgtttccggc aatcagtgcc ctggtctctc ggaatgcaga 600
gtcagatcag caaggagttg cccaggggat cataactgga ataagaggac tatgcaatgg 660
cctggggcca gcaactgtatg gcttcatatt ctacatgttc catgtggaac tgactgagtt 720
gggcccga aa ttgaattcta acaacgttcc cctgcaggga gctgtcatcc caggcccgcc 780
gtttttatatt ggggcatgta tagtccttat gtcttttctg gctgccttat tcattcctga 840
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caccccagaa cggggcagtg atgaggacat tgagccacta ctgcaagaca gcagcatctg 960
ggagctctct tcatttgagg agcctgggaa tcagtgcact gagctgtaaa ctcggcagaa 1020
agtgggattc tgcatacgcc atctctgaga gccatggagg gagccacacc cctggtgact 1080
tcatggtgct ggatgggaga cgctagcggc atccttcagg gccaaagttt ataaatacca 1140
ccgccatcat tctgctcatc ctctcctgt tttttttttt ctcttacatt cttttttttt 1200
tcccggttaa tccttaaaac cagaaaaaaa ttggaaaaac ttctttgcaa aaagggggca 1260
actcccagg ggaacctcaa ataaaaaaag cattcttttg tgaaaaaagg agggcttcct 1320
tgaaaggaca aaa 1333

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<210> 3406
<211> 2127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(1455)
<223> similar to gi5006265 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3406
tgctcattgg ggcccagggtg ctctctgggca tcggtgctac ccctgtgcag cccctgggcg 60
tctctacat cgacgaccac gtgcggagga aggactcctc gctctatata ggaatcctgt 120
tcacgatgct ggtatattgga ccagcctgcg ggtttatcct gggctctttc tgtacaaaaa 180
tctacgtgga tgcggtcttc attgacacaa gtaacctgga catcactccg gacgaccccc 240
getggatcgg agcctgggtg ggtggctttc tgctctgcgg tgccttactc ttcttctctt 300
ccctcttgat gtttggggtt ccacagtcce tgcccccgca ctacagacccc gccatggaaa 360
gcgagcaggc catgctctcc gaaagagaat acgagagacc caagcccagc aacgggggtcc 420
tgaggcaccc cctggagcca gacagcagtg cctcctgttt ccagcagctg agagtgatcc 480
cgaaggtcac caagcacctg ctctcaaacc ctgtgttcac ctgcatcatc ctggccgcct 540
gcatggagat tgcagtggtg gctggcttcg ctgccttttt ggggaagtac ctggagcagc 600
agtttaacct caccacctct tctgccaacc agctgcttgg gatgactgcg atcccgtgtg 660
cttgtctggg tatcttctcg ggaggctttt tggatgaaga gctcagcctg tctgccttgg 720
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ccgattcctt cactccagtg tgtggggcag atggcatcac ctacctgtct gcctgctttg 960
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acgcaaccgt ggttctctgga aaatgcccc gtcctgggtg ccaagaggcc ttctcactt 1080
tctctgtgt gatgtgtatc tgcagcctga tcggtgccat ggcacagaca ccctcagtca 1140
tcatcctcat caggacagtc agccctgaac tcaagtctta cgctttggga gttctttttc 1200
tctccttctg tttgttgggc ttcacccctc caccctcat cttcggggct ggcacgact 1260

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ccacctgcct gttctggagc acgttctgtg gggagcaagg cgctgcgtc ctctacgaca 1320
atgtgggtcta ccgatacctg tatgtcagca tcgccatcgc gctcaaatcc ttcgccttca 1380
tcctgtacac caccacgtgg cagtgcctga ggaaaaacta taaacgctac atcaaaaacc 1440
acgagggcg gctgagcacc agcacagagt accaagacat tgagactgag aaaacctgcc 1500
ccgaatcaca ttcaccttca gaagactcct ttgtgagaag ctgagggcct ggccctcttc 1560
ctcttccttg agagaacagc cctccaccac ccacagacct cgcgggcctc acttagcgtg 1620
ctcctccctg tccgagaacc cgaggggtccc catgtggatt atccagccag tgtgtggtcc 1680
tttgaggccc caagcgcagg cctgtgatga ggaccaaaga ggtgacttat ggtcaggagt 1740
actccaaaca gctctcagag taggcatcct tcctgggtct ctaaagagtc atgctgacct 1800
ggtgtgcaaa ttcccttcca cccatccctc tacctcctct ggggatggct tgccgacatg 1860
ctttagaaac tcccctcttg ggaatgctcc tctgactgag ggctccaaca gctttaatga 1920
aatcagccga gagggtaaaa accaacctgt tgcattgaat ggagggggga aaaagcacat 1980
actcaataga tttttgagtg tggtagctct tatttttgca gcgtttatct tccaaatgag 2040
cagtttagaa atatgtgatg taaagtacat actgtacgtt tgctgaaaat tatattaaaa 2100
gcactatctt aattctttaa aaaaaaaa 2127

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```

<210> 3407
<211> 1859
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1860)...(794)
<223> similar to gi5262712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3407
aagtctcatg gtgattgatc ttctgtctgcg tggggtgtat ggttggttaat ctttctctct 60
ggcagttagg gcacacacga attcctagca tccccactcc agcgaacac ttgtgcacag 120
attacaaaca ccaatatgat ttatttcaaa cacaggcaag aacaatgacc ttcagagctg 180
ggtaaaaata ataagttaaa agcatgggta gaattttaga caatcagata aaaagtttga 240
aggaagtgat tcccccttcc tctcctaatt gattaattca acacagcata aaaataatct 300
gtatctataa aatatccttg ttcccacaca aatgaactgg aggtggccct aggatttct 360
tgactatggc acaatgcaca caatctacat gtccctcctc cccaactttt aaggcaaaaa 420
tggctctgca tcttcagggc agaggggtggg ctcatgccag cagtcagctg tgtcaaggac 480
actggggggc gtttctccac cgaaagatgc ctgcttgggt cccacttggg cgcggaattcc 540
atcttatttc tagcctttgc ctccaccag aaaaaaggag ctgaaattct ggcaagtgga 600
cactggactg gtttggggca ctctccagt ctgggctgac cgggtctctt gaggcattcc 660
tggcctaggg aagtgggtgg ttccaggactg tgacagccct gaaggagcca gacctggtgc 720
ctcctgcaag ctggacaaag ctgacggagg gtgggcaggt gtctccttcc cccagcccc 780
tcaggctgcg tcagtctttc tgggagtact gagaagaaaa tatccgtgca atcctgagag 840
tttcttcctc aggcagggtt agggggagcg agttagggtc tggggcgaca ggcctttggg 900
agagagctcc cctgggtggc tgcctcttgt cctgatctgt tgtggctgct ggtggcaaaag 960
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tgggcaccac aatgggccct gggagcagga ggctctgctt tgtggacgtc tctgatccag 1080
ttgtcacctg cctctgcctg atgtcagagg agtcgatggg tggctccctt tggttttccc 1140
ttctgctctg ggaggctaga tttagcggca acttcttgaa gctatcagca gagtaccga 1200
gctcactggt ggcagcttca ttctcagctg gggcctctga cttgggctcc ttgttctgat 1260
ctgtctgtgg tgagctccat ccaacaaacg tgctgctctg ttgagctcct gagagtgttg 1320

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ggcatgggat gggctgaggg ttggctgagg cagactcgcc accaaccctg gccttagagg 1380
cctcacactc acaagcaaca agactttggc taggagaacc ctgcctaggc aggtgggggt 1440
tgacagccct ttctgggctg gagagaaagc tacttttgac cataagctcc tctctgcaga 1500
aaggccctgg agaaggacaa gaggggcctt ccctctgcac ctcgtcaggc tgagggctga 1560
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tgatctcatt taaggtcctg ggctcaatga tgtcttcttc atagtcctca tctactgtagg 1680
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agggactcat ggagcattct tcctccattt gaagtctctt cgagaggagg gggatgatggg 1800
gaatctgtgc ctttatctgg agctcttacc aatggctcat ctggcattgt gcatcgctt 1859

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```

<210> 3408
<211> 2578
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1951)
<223> similar to gi3334741 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3408
atggcggcag gcctggccac gtggctgcct tttgctcggg cagcagcagt gggctggctg 60
cccctggccc agcaaccctt gccccgggca cggggggtga aggcacctcg aggagatgag 120
gttctgggtg tgaacgtgag cggacggcgc tttgagactt ggaagaatac gctggaccgc 180
taccagaca ccttgctggg cagctcggag aaggaattct tctacgatgc tgactcaggc 240
gagtacttct tcgatcgcg cctgacatg ttccgccatg tgctgaactt ctaccgaacg 300
gggcggctgc attgcccacg gcaggagtgc atccaggcct tcgacgaaga gctggctttc 360
tacggcctgg ttcccgagct agtcgggtgac tgctgccttg aagagtatcg ggaccgaaag 420
aaggagaatg ccgagcgctt ggcagaggat gaggaggcag agcaggccgg ggacggccca 480
gccttgccag caggcagctc cctgcggcag cggctctggc gggccttcga gaatccacac 540
acgagcaccg cagccctcgt tttctactat gtgaccggct tcttcacgc cgtgtcggtc 600
atcgccaatg tgggtggagac catcccatgc cgcggctctg cagcaggtc ctcaaggag 660
cagccctgtg gcgaacgctt cccacaggcc tttttctgca tggacacagc ctgtgtactc 720
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cggagtgtca tgagcctcat cgacgtgggt gccatcctgc cctactacat tgggcttttg 840
gtgcccaga acgacgatgt ctctggcgcc tttgtcacc tgctgtgtgt ccgggtgttt 900
cgcatcttca agttctccag gcactcacag ggcttgagga ttctgggcta cacactcaag 960
agctgtgcct ctgagctggg ctttctcctc ttttccctaa ccatggccat catcatcttt 1020
gccactgtca tgttttatgc tgagaagggc aaaaacaaga ccaactttac aagcatccct 1080
gcggccttct ggtataccat tgtaccatg accacgcttg gctacggaga catggtgccc 1140
agcaccattg ctggcaagat tttcgggtcc atctgtcac tcagtggcgt cttggctcatt 1200
gccctgcctg tgccagtcac tgtgtccaac tttagccgca tctaccacca gaaccagcg 1260
gctgacaagc gccgagcaca gcagaagggt cgcttgcaa ggatccgatt ggcaaagagt 1320
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ggcgaggaac aggtgtttt tgtcaggaac cgcttctgct ttgaacagca acatcaccac 1440
ttgctgcact gtctagagaa gacaacgtgc catgagttca cagatgagct caccttcagt 1500
gaagccctgg gagccgtctc gccgggtggc cgcaccagcc gtagcacctc tgtgtcttcc 1560
cagccagtgg gacccggaag cctgctgtct tcttctgtgc ctgcagggc caagcgccgc 1620
gccatccgcc ttgccaactc cactgcctca gtcagccgtg gcaggcatgc aggagctgga 1680

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catgctggca	gggcttgcg	aggagccatg	ccccttcaga	gccgctccag	ccttcaatgc	1740
caagccccat	gacagccttg	acctgaactg	cgacagcggg	ggacttcgtg	gctgccatta	1800
tcagcatccc	taccctcct	gccaacaccc	cagatgagag	ccaaccttcc	ttccctggcg	1860
gcggtggcag	ggccggcagc	accctcagga	actccagcct	gggtaccct	tgctcttcc	1920
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tcatTTTTTg	gaactccttt	ccaaagccat	atttttggga	ggcagagagg	ggcaggcttg	2040
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atagtgggga	agtagccagg	aaatgagaaa	cttcctccca	ccccagacat	tttctctggt	2160
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tggcccccact	ctcccagctg	gactcctgca	tgctcctccc	cttgggctct	cagatgaagg	2280
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cctctggctg	ggatatggag	ctttggagg	tcagagaaga	gaaccctcac	ctctgatctg	2400
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gaatgcaaac	acaggcttca	tggggctgtg	gccttctggc	aggcgacctg	ccatccccag	2520
ggccttgctt	gaggggggtt	aggcttgctt	tttcccaaca	cacactcaga	taggcaca	2578

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<210> 3409
<211> 1380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1298)...(766)
<223> similar to gi424102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3409						
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ccttgccata	gtaagatgtt	ctgctcacgc	gtatccacga	gaaagccccg	catttcacgg	180
ggagcataga	aacaggagtc	cccaactctg	ctcaccagct	cctccggctg	ctgccatctg	240
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cagacttcgg	gaagatggat	gcatagcctg	gggcaatgac	agtcacaggc	ccgccttgct	360
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agtctgatga	tctgctgctg	taatggctgg	tccccaacag	tcactactgc	caggatcaga	1320

tcattctgggc catgtcccca cagttgtccc caagccctcc tgccatcatat ccctcgtgcc 1380

<210> 3410

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(625)

<223> similar to gi4314286 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3410

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gttggtgaag	cagttccggc	cagctgtgta	tcggggtgag	gtggagcgcc	gcttcccagg	180
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ggaagtggct	tgcaaggagg	cttgggagga	gtgtggctac	cacttggccc	cctctgatct	360
gcgccgggtc	gccacatact	ggtctggagt	gggactgact	ggctccagac	agaccatggt	420
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ggacatcccc	aagaccctcg	gcgtcatctt	tggtgtctca	tggttctctca	gccaggtggc	600
ccccaaccct	ggatctccag	tggagactcc	agggttctag	acagaggcca	gtcttggcca	660
ctcacccccac	accccgcgga	ccccaataaa	ggcttgcata	gctccaaaaa	aaaaa	715

<210> 3411

<211> 6388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5874)

<223> similar to gi5689555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3411

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ctgcgttgtg	tggcagaagt	tggttccttt	gaacataatc	ttacaactga	tcttctaaac	180
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tctgggtggg	agcagcctat	tcctctctg	aacgaacatg	atggaacagc	agatggagat	300
aaacctaaaa	ttctcctcta	ttccctaaac	ttgcagttca	agggtattca	agtaacggcc	360
actactccat	caatgagagc	tgtaagattt	gaaactggat	tgattgaact	ggaactttct	420
aaccgacttc	aaaccaaagc	ttcaccagga	agtagcagct	atctgaaact	gtttggcaaa	480
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<210> 3412
 <211> 1862
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (5)...(234)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3412

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agtttctgga	tttgtattct	tttttccttt	tcacattcag	tctggatatt	ttctgctgac	780
ctatattcca	gttcactaat	aatgcttttc	actgtatcta	atttgcttat	aaatagaaaa	840
ccattgattg	agttattaat	ttcagttata	gaatagccag	tgtagactcc	aatgcttggc	900
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ta						1862

<210> 3413
 <211> 1832
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1204)
 <223> similar to gi498725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3413
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tgtggaaagg cttttggttt aaagtcacag cttattatac accagagaac tcatacaggg      180
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aattacgcct tctttgttac accagagaat gcacacaaca gagaaaccat atgaatgcag      960
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aggagagaaa ccctatgggt gcaatgaatg tgggaaaacc ttctctcaaa aatcaattct     1080
cagtgcacat cagagaacac atacaggaga gaagccttgt aagtgcactg aatgtgggaa     1140
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aactttatga atgcacagca tatggaaagg catccacaga aagctgttct ttacatgcaa     1380
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gggaccatgc tatgagggaa agtgtaaaatc tagaaatgag aaacccttag ggaaaaaata     1740
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accttagaag cttcattcta aaaaaaaaaa aa                                     1832

```

```

<210> 3414
<211> 2072
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (268)...(1720)
<223> similar to gi4768275 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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094873.01100

tgcttgcat	ggtctgtcag	gtgataacta	aatttccctt	tcagttggtc	ctgttgaaac	180
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ttacatttta	tccctgtttc	aatacacaaa	agcaactcca	aagtgaattg	tttgagattt	300
aaggtttgct	taactcttcc	caaccctttg	gcttttagat	ttgcttgga	cggtagaaga	360
aatccttcca	agcctctcag	aaaatatcag	tgtttggggg	atgaaagatt	ctgttccaca	420
agggtgaatt	tactcaaaag	aaaaactgag	cacctcacct	gatgagcccg	tgccacgcag	480
ccaccatggt	gtctcactcc	tcaagtctac	ttgtctttac	atttttacct	ctggaacaac	540
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gtgggctttt	ggttgactg	ctcatgacat	tgtttatata	acccttcctc	tgtatcatag	660
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aaatagtggc	tagcgggttg	gacaatcact	aaaaatgtac	tttctaataa	gtaaaatttc	2040
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<210> 3415
 <211> 2199
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2200)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(1485)
 <223> similar to gi5732237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3415
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gacgagctgc tgcgccgcgc ggtgccgccg acgccggcct acgagctgct cgagaagaca 180
ccggcgcccc ccgaggggtca gtgcgcggac ttcgtgagct tctacggttg gctggccgag 240
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caggtggcgg agcagagcgc cggcgtgctc catctgcgcc agcagcagcg ggagtcggcg 360
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ctgctggagg cgcaggccct caagctggtg gaggggcccg acgtccggga aatgaatggg 540
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acctggcatt caccgtgtga agtgcttcag aaaatcagtg aggtgaggc tgtgcatcct 660
gtaaaaaact ggatggacat gaagcgccgc gtttgggccc tacagaagggt gttacttctt 720
ttctcactgt tcgacccctg gggagccctt ggtcggtttg cacgtggcac tgactgggtga 780
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```

<210> 3416

<211> 6926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(5403)

<223> similar to gi559330 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ggtatcaatt	ccaaaactgg	aatcagcat	gatgcaggga	tttgcccgcc	ttttgatcaa	240
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tcctaattct	gtagaaaata	ttctcaaaac	actcgtgaaa	agctgccgac	catattttcc	420
agcagatgcc	accgctgaga	tgctagaaga	atggcgacct	ttaatgtgcc	cttttgatgt	480
aaccatgcaa	aaggccatca	cttattttga	aatatcttct	cctacctccc	ttcctccaga	540
acttcatcat	aaaggtttta	aactttgggt	tgatgaatta	attggccttt	gggtttcagt	600
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ttttttttta	agttcactta	tcattagaat	gtctgaactt	ttatgtaaca	tttttggggg	6600
gcttttttaa	aggctaacac	cacatgtttg	cccctatgac	aagtttcata	gagtgaagg	6660
tatcttctgg	gttgaaataa	ttcacaaatt	ggtgaatgtc	atcttgcaac	acacctgta	6720
cagtcttctc	taaaggaaca	ctacagtata	tttttagtat	ctacatgctg	aatgactgaa	6780

tacagaccta	agcacagcag	tggtcctggt	acagtatttta	agtgtcggca	tacacaggcg	6840
taatccctgt	ataaagtagt	gccaaactga	tttcagttgt	gtaactagtt	taaaacccaa	6900
taaatggatt	ctttttaaaa	aaaaaa				6926

<210> 3417
 <211> 3786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (3787)...(1585)
 <223> similar to gi2460117 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3417						
agtcctgtgcg	gtggaattcg	tctggtggag	atactggtcc	accagagaat	gggagagcgg	60
ctggagcagt	gtccctggga	agcgttggtt	gtttttgaga	tggagtctca	ccctgttgcc	120
cgggctggag	tgcactgatg	tgatctcggc	tactgcaac	ctccgcctct	cacgttcaag	180
caattctcct	gcctcagcct	cctgagtagc	tgggattagc	tgttggggac	acgagatgcg	240
ccaccacacc	cagctaattt	tgtgttttta	gtagagacgg	ggtttcacca	agctggccag	300
gctggtctca	aaatcctgac	ctcaggtgat	ccaccacact	ctgcctccca	aagtgttggg	360
attacaggcg	tgagccaccg	cgcctggcct	ggaaacactt	tcataccatg	ttaatttctg	420
agactggggc	tcaagttaaa	tttaggttaa	gggttttagga	taagttagct	aagatagccc	480
agaactttca	taatatgaca	gatctctaaa	aataaatggc	tcttttaagg	cagcatgcca	540
tcaaaaaaaaa	gtacctctaa	tgggattcta	attatttagg	ttaaactttt	cctcatattt	600
tattttcaca	tggaatccta	aaaggttcgc	cccgataagg	cagaacatct	taggttgtag	660
aaaattatac	atggtatctt	tactgggaat	attagctgtg	ccacttatta	gctgtgacct	720
taggcaaatt	acttcactta	tctggcctgt	ttcttcggcg	gtaataaaaa	acaacagtac	780
ctatctccta	cagtaggtgt	gaggattaac	tgggctaata	agaaatgctc	agacacacag	840
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ctccactctc	cagtgcctga	aagtttcttt	ttgtgctttt	gacagagcac	ttattttctt	1020
gatttgaaaa	ggcaaaagcg	actctgtttt	tgtacttaat	taggggtaaa	tcacattcaa	1080
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ttgaacaaga	taaattttat	taacactcat	aaattttaaat	attttggata	ctagaccttt	1200
atcagttaga	tgatttgcaa	atatgttttc	ccattctgta	ggttgttttt	ttcactttct	1260
tgaataatca	taaatttagt	ttttgacaaa	atcttgcttt	tatagaaatc	tataaccatta	1320
acttaagttag	ctgtttttga	aaaaataaat	actgtttaaa	tttagatata	acagtattcc	1380
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tgggttccat	catttttatc	acgtaatcgt	gggaggatcc	atctgattcc	gtgggaagct	1560
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tcttctctga	tctttttaat	gtggctttct	tgtccagccc	acgaactcct	gagagcatcc	1920
atcacatcag	gctgctccaa	gagcatgggg	aaggtggcca	gcatgggatg	gctaattaaa	1980
tcagtacttt	gcaagctcat	cctgtctttc	aggagcacat	ctccaagaat	ttgtcgataa	2040

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aatatcaaca agtgaataga acacatatTTT ccaattaatg tttctggcag tagacttagt 2100
acatttcttg atcttctgtt caaggatctc agtttcta gaagttgagg ctgccttctc 2160
attgtcataa tctggtagaa aacactgccg tgtgctcttc tggatattga agggtcact 2220
tcaatacctt tttcataagg agtaccacca ttcaagaaaa gctcataagt ttttgctgga 2280
ataggaactc cactggcatc aaaaagtTTa agaaacaccc agccacagct taactctcct 2340
ctttcaccag ttgaattgCG aatataagaa attccaagt caaataatat tccaagatct 2400
ggagatgcag aattagacct gataaagcaa tcaccatcaa gcaaaccatgg taagatgcga 2460
gtaacctggg gagaaaaggT ccatgttttTg ggcttttttag gttgccatgt ggctctgact 2520
gtatgaatgt tgctcagaac cttattacca tcaaatagac agaggcgTac atgtctgctg 2580
agaacctgta tgctcattcc tggaagagga atcattttac agctccataa tgtcagaatc 2640
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ctgaaggcca gttgtgaagg catgagctct ggttgtaaga agtaatttgc tcgaaattga 2760
ttcccttctc ccagaagctg tgagagcgTg gaaggcctga accctgcagg aatagctccc 2820
atcgtagtta acacatcaac agtggtttatc tgttggaGca caggcttaga aaccagaaat 2880
atacgTctc tgctctgtac attccatgcc ctgaaccctg tttcagatcc attggtgtct 2940
tccacagtct ccacctatt tgcGatcaga actattaggT agcaaaacga gacatgatta 3000
acaagacaga agatgcccgC ctctgaaatc gctttctgaa cagcactcca gtgggggatca 3060
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agtaaaatct ccaacagcga tgtattcttc accggttgac catttgTgag attcattttc 3360
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gcttattgtc acagcaaggc cctgcagttg ttgggtaagc ttgtccaaaa gagtatgctc 3540
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ttgaagagca tttttatttt catctattgc ctgctttaac tggatacatc tttgataaat 3660
atgttgtctt ttattgggtt ctagagcttc tttcagttgg ctctcagaaa gcaaactatc 3720
aacctgttgc ttcagctcct gattgcggcg cgcgagggcc tggagaggat ctcgctgtcg 3780
tctcgC 3786

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<210> 3418
<211> 2783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1436)
<223> similar to gil503988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3418
atctcagagt ggcggaattc gccgggacca gccgctcggg gccgggctga tacagccgct 60
tcaccgtgcc cctgcccgcg accatggcct cctccgaggt ggcgcggcac ctgctctttc 120
agtctcacat ggcaacgaaa acaacttgta tgtcttcaca aggatcagat gatgaacaga 180
taaaaagaga aaacattcgt tcgttgacta tgtctggcca tgttggtttt gagagtttgc 240
ctgatcagct ggtgaacaga tccattcagc aagggttctg ctttaatat ctctgtgtgg 300
gggaaactgg aattggaaaa tcaacactga ttgacacatt gtttaatact aattttgaag 360
actatgaatc ctcacatttt tgcccaaatg ttaaacttaa agctcagaca tatgaactcc 420

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aggaaagtaa	tgttcaattg	aaattgacca	ttgtgaatac	agtgggattt	ggtgacccaaa	480
taaataaaga	agagagctac	caaccaatag	ttgactacat	agatgctcag	tttgaggcct	540
atctccaaga	agaactgaag	attaagcggt	ctctctttac	ctaccatgat	tctcgcaccc	600
atgtgtgtct	ctactttatt	tcaccgacag	gccactctct	gaagacactt	gatctcttaa	660
ccatgaagaa	ccttgacagc	aagggtttaca	ttataccagt	gattgccaaa	gcagatacgg	720
tttctaaaac	tgaattacag	aagtttaaga	tcaagctcat	gagtgaattg	gtcagcaatg	780
gcgtccagat	ataccagttc	ccaacggatg	atgacactat	tgctaagggtc	aacgctgcaa	840
tgaatggaca	gttgccggtt	gctgtttgtg	gaagtatgga	tgaggtaaaa	gtcggaaaaca	900
agatgggtcaa	agctcgccag	tacccttggg	gtgtttgtaca	agtggaaaaat	gaaaaccact	960
gtgactttgt	aaagctgcgg	gaaatgctca	tttgtacaaa	tatggaggac	ctgcgagagc	1020
agaccatac	caggcactat	gagctttaca	ggcgctgcaa	actggaggaa	atgggcttta	1080
cagatgtggg	cccagaaaac	aagccagtc	gtgttcaaga	gacctatgaa	gccaaaagac	1140
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gagtaaaggga	gaaagaagcc	atattgaaag	aagctgagag	agagctacag	gccaaatttg	1260
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aaaaaaaaact	agaagtgtgc	tttgattttg	ctgttatattg	ttttatcact	tctatatattg	1560
gtgaacagcc	acagttactg	atattttatg	aaaagtactt	tcaagtacaa	ggtcaataca	1620
taagccagag	tgaatgatac	tacaagttga	gcactctctaa	ttcaaaaatc	tgaaatccag	1680
aagcttcaaa	atctgaatct	ttttgagcac	tgacttgacc	ccacaagtgg	aaaattcccc	1740
acccgacacc	tttgctttct	gatgggttcag	tttaaacaga	ttttgtttct	tgcacaaaat	1800
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attagagtgc	ggtcccgttg	tgtatatgca	gatattccaa	acctgaaatc	caaaacactt	1920
ctggtcccta	gcatttttga	taagggatac	tcagcttgta	cctatatatt	catatatatt	1980
cactgttggt	agaaatgttt	aagttgctgt	tctgtgatga	atctaaatct	tttctcttgc	2040
taccaagcta	ttgtcactgc	agtgcattat	accaaagagc	gaagtcaagt	ccactgaaaa	2100
tacagaaccc	attaatatcg	tggctatctg	attacattta	tattccaaga	tgaacctttt	2160
ttatatatgc	taaaaatttt	ggggaatatg	ttttgggatg	tattatggag	ctaaaactct	2220
aacctcttaa	tagttttata	gaacttaaaa	attttttata	caattaccca	attggtgata	2280
tgatcttaag	cttttgtgtc	agattattta	atatgatgac	ttcatgcttt	attatgcctt	2340
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tatataagct	attttttcct	aaggataaag	tacctttgag	catgagtgtg	tcacagcttt	2460
cattaggaaa	acttttccatt	acatacttgt	ttaaactctg	tcttccaggg	taaaaataat	2520
aaggttgaat	cattttatta	aaaatacttt	ttaagaaaaat	aactatgaac	atctgaatat	2580
taaagatata	aaaatgcaca	taattcatat	ttcagggtgg	atttgcattc	agtgccttac	2640
tggtattctc	agaacatttt	aatgattttc	aacattttct	aacagtcata	gatatatata	2700
ttttcatttt	ttgtacttga	atattctaaa	taaaactgac	atttactctt	gacaaataaa	2760
acatatattt	actaaaaaaaa	aaa				2783

<210> 3419

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (40)...(465)
 <223> similar to gi780367 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3419

cacctcaagc	cagctgggct	gtgggcggca	cctgtgctct	gcaggccagg	cagcgataga	60
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cccctataag	aagggtgcct	ggtgttcgct	ctgcacagcc	agtgtctcag	gctgcttcaa	180
agcctgggac	catgcagggg	ggctctgtga	ggtccccagg	aatccttgtc	gcatgagctg	240
ccagaaccat	ggacgtctca	acatcagcac	ctgccactgc	caactgtccc	ctggctacac	300
gggcagatac	tgccaagtga	ggtgcagcct	gcagtgtgtg	cacggccggg	tccgggagga	360
ggagtgtctg	tgcgtctgtg	acatcggcta	cgggggagcc	cagtgtgcca	ccaaggtgca	420
ttttcccttc	cacacctgtg	acctgaggat	cgacggagac	tgcttcatgg	tgtcttcaga	480
ggcagacacc	tattacagag	ccaggatgaa	atgtcagggt	ggggttacag	aggaaaggcg	540
gggtgctggc	ccagatcaag	agccagaaag	tgcaggacat	cctcgccttc	tatctggggc	600
gcctggagac	caccaacgag	gtgattgaca	gtgacttcga	gaccaggaac	ttctggatcg	660
gtgagtgcc	agctgattgg	gggtatggcg	agtaaggggt	tgtgatgcc	cacctgctg	720
caggaacct	gggccatggc	ggctgccagc	agatggcaag	ggtgtgttga	gggcctggag	780
cccagagcgg	ngccagctgc	tcaccccctt	tcccggngag	ggcccaggta	gggagcac	838

<210> 3420

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1348)...(216)

<223> similar to gi3283350 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3420

tttttttttt	ttcatcttat	gacatattag	tttattacat	gcataaaaact	ataaatgata	60
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tgtccacaga	gagcaaaaat	cactttacgt	actcatgatg	ggctttaata	tttctttaca	180
ctatacatac	tgaaaatggt	tacatttact	aataaggaat	gccaagcgt	atccatcacc	240
atltgaatag	cttgcagggg	atttgtgatt	tcttccatgt	tatctcttct	caaaacccaa	300
tctggcttaa	gtcttgaac	tattctggtc	cttacagggt	tttctgggat	aaaaggaatg	360
cttatagaag	aattcttctt	ttgcttgtaa	agtattcttt	cagtattcat	tttatgttta	420
tgagctgtaa	gtttgtagag	actgtaaata	cggtaacaa	ctttggacct	acttcgtaca	480
tcagaggctc	tatttgttgt	cttcagtaaa	atagccaaca	aacaacaagt	ttttgtaaaa	540
atgcttccgc	ctttgtctgc	aactttatta	ccaggctttt	ctcggtatat	ctgcaaaagc	600
tccaatagta	tatctataca	atcttctaca	tcataaaactg	ctgaagtagt	tttctcatac	660
ttagatacat	taagcaagac	ttgcacagca	tatctgatga	cttccataca	aggaataactg	720
cgattacaac	ttcggatcaa	aacaaatatt	ttagaaattg	ctccactctg	ggccatgttc	780
tcacaacaaa	gtggagacaa	tctagtaact	acctctaggt	gttttaaggc	ctcaagaatg	840
gcagaaaggt	gcttatatgt	caaaaggtaa	tgaagtgcaa	gtgcagttct	tttgtagagt	900

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ttgttttctt ctcgaatctc cctattaaca acttgaagac ttagtcgtat agctttaatt 960
tttgtaaat cttttttctt cctccaagaa tagcctctcc ataatgcctg aattttaatg 1020
attccactag tgaatttttc ctgcttttta cggaggagaa aatggcgcac tgctttctgt 1080
attactgatg cagccctatt tgcgtggctc agacattctt gaccttcatg ctcaatcttt 1140
ttgatgctat gatatttctg aataaatctc ttttcttgta atcttgctcg aaacctctc 1200
tgaatacaga tgactgaatt aacctgcttg ttagcattct tcacagccag gtaaagtta 1260
taggctcttt gaattctaac agcattcagg tgataatatg cagctgcagt gaagtgaaga 1320
agtcgaattt tggctctctg ttcta 1345

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<210> 3421
<211> 790
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (98)...(449)
<223> similar to gi3875371 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3421
cgactacaga aacgctatgt attagaggaa gctgagcaac tggagcctcg agttaatgct 60
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ttggaaagag tgccatcacc tgatcacccg cggagaagct accgagactt ggacaagccc 180
cgctcgctct ccacactgcg ctacaggagg agtaggagcc ggtctcccag aaggcggagt 240
cgatctccca aaaggagaag cccctcccct cgccgagaaa ggcatcggag caagagtcca 300
agacgtcacc gcagcaggtc ccgagatcgg cggcacagat cccgttccaa gtccccaggt 360
catcaccgta gtcacagaca caggagccac tcaaagtctc ccgaaagggt taagaagagc 420
cacaagaaga gccggagagg gaatgagtaa tggactcagt ttggtttttag tccacatggc 480
ctcctgtgga tataaggata tctgtatgtg gaaggattaa gatctcccc aggcagctat 540
aagaatatat tagttttttt cttatcaagt ttctcaacct ttatttttaa tgaaggaggt 600
gctgagtttt gtatcttttt aatcataatc aacatcagtt tttgacccaa ctaaccttga 660
ctgtattcaa acttatgaga gtataaagga tctggagggt ggggatatga ctgacaagga 720
aaggctgtgg ccacctgatg accctttccc tttttattaa accggacaca cctgtttccc 780
aaaaaaaaa 790

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<210> 3422
<211> 6730
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (3)...(5954)
<223> similar to gi3327062 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400>	3422					
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aaaggaatga	ggagttacag	agggccgaga	aggacaggat	cagcaaaactt	cagaagacaa	120
agagggatat	cagatggctt	cagggagtgga	ctggtgaatg	gtttgaagaa	attcaaagaa	180
aaaagttttg	caatgaaaca	gatgttagcc	aaatgttaaa	acaaccactt	acatacaggc	240
taagtaagga	gatggcaaaa	aatgatccga	tagaattacc	tacatcaaga	tctaaaaatg	300
taactaatca	aaaaaagccg	acaccttttt	cttcccggat	gagcttcaga	tcgtcatttg	360
cttcctgtgt	ctcattcagg	aaatctggaa	aggagacttc	aaagcttcca	tcactgggac	420
agaaaggatg	tgatggccat	gcaggacctc	ctatgcctgt	gaggggagct	gctgtgcagg	480
caaaaatata	caattcacct	ctggaaaatc	atctagttag	cagtacattt	gtcccaaagc	540
cagcagtcac	gagggaggag	agtggcatgc	ctccaccgtg	ggatgcttca	ctgctggaga	600
atgagttttt	ccaagtttta	gatgacttgg	atagcaaat	ggctcaggaa	cagtctgcaa	660
gctcagtga	taccagaaca	cccctcaact	atggatcaag	aacacagttc	ggtcactttt	720
attccagtgg	taacagacat	ggtaatatca	cagaaaggca	caaaaaaac	tataatgaaa	780
cttccaatat	gtctatctat	gacatcctaa	gaccaggaac	tcctagggaa	ggttttaaaa	840
ccttttctcc	taggacaagc	acaatttatg	atatgtatag	gacaagggag	cccagagtct	900
ttaaagaaga	ttatgtgcaa	aagaatactt	ttggcagtag	ttcgtgtgtg	tttgacagca	960
ggcaacgggtc	ggccttacca	gccacagggc	atttcacagc	aagaagctta	cattttccag	1020
ccacaactca	gagcaagagt	gggttttatac	caccaaggca	ccagcagagt	ccaaagagaa	1080
ctcctttatc	atccatcata	tggaaacagat	cagattcctc	tagagacagg	gagaaccagg	1140
aagagttcct	gagggcacca	tcaccaatgg	aaattgatcc	cgctgacaag	tatgtgtatc	1200
ccaggggttt	tcaggagaat	aagagatatg	aatcgtacca	ttcacagaat	gtttaccaac	1260
gtgttagttt	aatgctccc	atggagaatg	caatgagtcc	cgacactttt	gagaactcag	1320
agaacatgcc	attctaccat	caaagcaaca	catttaccag	atctttcttc	agcaatacct	1380
ttggacgaag	cggagaacag	aggagatttg	gacaagggtcc	tttttggggc	caagagaaaag	1440
gacattcttt	ctggtctgac	tttcatcgaa	gcaggaaatc	attcagttct	tctgacagag	1500
actttgaaat	gatttccatg	gaagcaaata	gtgtatcagc	cattcatggc	cataatgttt	1560
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<210> 3423
 <211> 1902
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1762)...(764)
 <223> similar to gi854326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gagtgaagaa	ggctcagatt	acccttgcca	ttctgccagg	gcagaaggga	tcagagtctg	180
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cggtgcacga	ctggttaagg	aagcaggagg	gagcagatcc	ctgcatgacc	ctgggagaag	300
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agagagctca	tgtgcttgg	agaaggaggt	cccatagggg	aggcagactg	ctgtgcatca	600
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0948735-013100

<210> 3424
 <211> 2416
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2410)...(454)
 <223> similar to gi4755188 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 ggtgccctcc cccactgatc tggaatgata tacactgcta gtgaagagga gggatggcaa 180
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 cattgtgtct gttctcttgg tcctccactg ttgccacat ctctctccag gctgcttaag 360
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<210> 3425

<211> 4730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(4141)

<223> similar to gi5689571 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3425

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<210> 3426
<211> 5113
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (5114)...(1526)
 <223> similar to gi5689403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<211> 5195

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (2)...(3795)

<223> similar to gi3327166 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tgttttattgc	acagagtggg	cgctgcgcac	aggcgtggct	gtacacgtgc	tctcagctca	4380
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ggtgcaagct	gggcagggtcc	tgaccaacct	gcatcagggg	atgccctga	gcttccacag	4740
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agtggatgtc	taaaaccaca	gataataaca	aaccttatac	atactgtttt	ttcctatgca	5100
tacatacctg	tgattaagtt	tatgaattag	gcaccttaag	agattgacaa	caataactaa	5160
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<210> 3428

<211> 2892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (326)...(2892)

<223> similar to gi4322670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3428

ccaccgcctc	ggttaatatg	gctcggctga	tgtggtacaa	aatcctggta	ttatcactga	60
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ttgccctcat	ctacacaacc	catacaattg	gatctcagac	cactcaagat	ggactcgatt	180
ggttgatatc	aacctagtac	ggtgccatgc	tttgaagctg	gactcttttg	gccagtttat	240
tgaattatta	cccagcctag	agttttatttc	actggatcag	atgttttcgtg	aaccacccaa	300
gggttggtgct	cgagttggtc	tgagtgcagg	cacaggaatt	ggtgtttcat	cagctcttgt	360
tagcaaccag	aactccaaca	atgacgataa	taatgccag	aataacaatg	ccaacatcca	420

cgacaacaat	caccatcatc	cagatgactc	agacgaggag	aatgactttc	ggcaagatct	480
gcagccagga	gagcagcagt	ttgcagctga	cgcattaaat	gagatggaag	acatcgtcca	540
agaagatgga	gaggtggtgg	ccgagagtgg	aaataatact	ccagctcaca	gccaggcaat	600
tattcctgtg	gatgttgatg	aggaacaagc	aggaccaggt	ggtcttcagc	gtgtagtaaa	660
accaacctca	attactgttc	atgattcaga	gagtgatgat	gaagaagata	gtctagaact	720
ccaagaagtc	tggattccta	agaacggtac	tcggcggttac	tctgaacgtg	aagaaaaaac	780
tggagagtca	gtgcagtgcca	gagaattgtc	agtaagtggg	aaaggcaaga	ctccacttcg	840
aaagaggtac	aactcccatc	agatgggcca	gtcgaagcag	tttcccctcg	aggaaagcag	900
ctgtgagaaa	ggctgtcagg	tcaccagtg	gcagatcaaa	gccgatatga	aagcagctag	960
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cagcacagt	ggaaactcca	gctcacacaa	cactgcttct	caaagccccg	actttgtaag	1080
gacggtgaac	agcggcggtc	cttccgagcc	tagccctaca	gaagtggatg	tgtccaggca	1140
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gagttctgtc	tgccccagat	gctgctgtca	caggccccag	gaatcccaaa	ggagaactag	1260
caggtgttct	gatgaggaac	gtccttcaac	cagccgagcc	tgtgttgtga	atggcccga	1320
tggtaggaga	tccgcctttt	cctttaggac	tctgccacaa	gggggggtctt	caggcccagc	1380
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tcgaagtga	gaagacttaa	agaaataccc	caagtacccc	tgggggagag	aaatctatac	2160
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aagcactatc	tatgtctcta	gaaggaaagg	acagctgtct	gcagacatct	gtatggaaac	2340
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agggaatata	taagggaacat	cgaaattgta	tacaaagatt	tgtacataaa	aaatatacaa	2640
agacgcttcc	taaagtacca	actttatatc	atatggttta	taccatttaa	tttaaaaatt	2700
ccatttttaa	ggaagacaga	taatttgaaa	aacttttggt	ttttcttgac	ttaattcatg	2760
aaagtatcat	tttttgactg	agtctccatt	tacttcattc	ttaaattggat	taattgtcca	2820
tcccctttaa	atcctgtgcc	tttttcttcc	tggagcgacg	ggttttgagt	agacctggtt	2880
gaagagtga	aa					2892

<210> 3429

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1067)...(216)

<223> similar to gi5915916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3429
tttttttttt ttaaagtcaa gtaaatttaa tctgtaacta tgaaatgtct aggttagcag    60
caattatgga tgcccaaaga ctgggcaaaa tttgtccccc gaaggcatcc tgagggccac    120
aaaggctccc ctcagttcac aaaggtagct ggcaggatgt tagctttgcg ctcagcttca    180
atgcagtact tttcggaaaag gccaggggct ctcagctttt caagcttttt cctcttgatc    240
tcatcgatgc gctcacggcg tttctgggcc tcctctttga ggcgcgggcc ctcctcaaag    300
gtggcaatcc ggttctgcac ttcttctgc tggttctcgc gcacctggcg ccggagctca    360
ttggcatgct gtaagcgccc tgtggccttt ttctcctcct ccagccgctc cttctcaatc    420
tgttctctct gagcccgaag aatcctctcg aactcatccc ggtcccgttg cacctgaaca    480
gccagagcgt gctccttgaa agccacctgt tcgagccgac tttttcgag ctcagcctct    540
gtttccatct tcttccgcgc attttccttt tcctttctgc gccactctct gtctgcaacc    600
tcctggttgc gcttggcccg caaggcatcc tgttctgcct ggtaatcctg ggctttctcc    660
tgcattggccc tcaagcgtgc gatctccttc tctttctccc tccggattct ctcctgctca    720
gcctcaaact ctgcttctcg agccatcttc ttcttggtaa actccatcac catctgggtct    780
gccagcttct cctgagccag gagttctgct ttctgtttct ggttttcatc attgatgcgc    840
ttaatctcag cttgcatctt cagtttttgt tgctgccttc gttccatgtc ctttagatct    900
tcctcttgga gctgttccat atattccagc atctgctcct tctcctgctc ccgctgctca    960
gcaagcagcg atcgctcctc ctggttcttt tccatctgtt ccacaatttg ccgccttcct   1020
ctaattcttt cctccctcct cttcctctcc agttcccgga cgcgtggg               1068

```

```

<210> 3430
<211> 2388
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2389)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1677)...(857)
<223> similar to gi4218005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3430
cgactttttt tttttcacac ttgaatgctg ttactattta ttgacatcaa aacgaaacaa    60
gctgagacta aaagttgcta tttaacagga atagacactg gtgcagtttc cttcctggag    120
agggtatgca ctcagatcat gagacctaaag atcaaacaca ctggattgtc aaagagtcaa    180
acaaggacta caattttaac ctccttaata gaaaagatgc tgatgacaaa acacgaagtt    240
taaaaatatt ctttacgcta agctcatata agcaaacaaa aaactaaaac taatcctaaa    300
actttaggac actggataca gaagtaacat aactatttaa atttttgtat caacgaaagt    360
gtgttctatc cttcactgta cctgtactac aaggacatgc ttgttgcttc tacactaccc    420
aatgtcaaca cttatcatca acaatacaat agaattagat cggaacaagg cttcaaagcg    480
actctgctcc acccaaattc agaaaattca attcaggatg aacaacagct tttgatttta    540

```

```

gaaccagctc ttactttttct ctcgtgtcat atgtgatgaa gtcctcactt gacaattccc 600
cctgcaaatt gcaatgcatg tccttgccgt cacctttttc tgacacttta aaattaattt 660
gtagaaattg caaaagcaat gaaattgtac ttccaattct gaacctctga tcagattcct 720
gctttgacac aagacttact cctctgcagt gtaccccacc agcacagcgg ctccctttct 780
ctctattctt tgccctgaag gcacctctgg attgcttaac gtgtgctctt tggctgccta 840
gacagtcagg acacctaagg ccactctggac ttatcaactcc tctcctcctt cttttctatg 900
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caattctttt tcatctcctt tttctggctt cttgagcagc ttaatctttg gttcatcctt 1500
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tcgtttctct tcttctttcc atttcctcct ctcttcttct ctttgtcttt ttctttctat 1620
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aaactcaaaa taatcatgct caggcatagg ttgaagatgt tcctgaagct gctccttggt 2100
caaagtggga ggtaatcttc gaattaccac cttgctcagc gcttctttct tctccttggt 2160
gcgatcctgc ttatcttccc ccttggaagt gtcccccgag gtcccaccac cgctgcccg 2220
ggccccggcg ggggttaaca ggggttactcg cttctcctta ggctgtgct ccttctcttc 2280
cttcatggct acgtcccccg ctgaagcggc ttggccggaa cggggttacc ccgggcacaa 2340
acgacgaaat cgtcgacccg gtnnaacggc ccagtactnn ngaggtca 2388

```

```

<210> 3431
<211> 3239
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3240)...(270)
<223> similar to gi5817132 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3431
tttttttttt ttcaacaaga cagggtgggt tattatttca atagcaaaga gctgaaaaat 60
gtcgggtccc ataaaggagc agaacctgac ccagagcctg cagtacattt ccaccccaca 120
ggggtgcagg ctgggccagg cagggccaaa ggcagcagaa atgggagtaa gagactgtgc 180
ccactgagaa gctctgctgg gttgtgggca ggtgggcatg agatgatgat gatgtagtgt 240
aaggaccagg taggcaaaac ctgttcagggt cttgttgagt gtccagagtg gatccagaag 300
gctgaggggg tcgtcagagg gccgggtggc ccgcagccct tgcccgttat gggcctgcag 360

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aaagttatgc	ttgtcatcc	gctgtttgcc	ccgcagggag	ctgtccaggg	agaaggcctc	420
tgggggtcaag	gaggccagca	attccagggg	ggaggagggg	ggccccgagc	tgggggcttc	480
aggcactggc	ggctcctcct	taggctgggg	agcctcaggt	agtggggagg	aaaggggggg	540
tggggaggaa	gatgggattg	gggtagactc	tgggaggctg	gctggcgga	ggcctggggg	600
ctctgcaggg	cctggcaagc	tggcaaccgg	ggactccaac	cccccaggag	gccgaatgct	660
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tggaggaggc	acaccatggc	gctgcaggac	ctgtccacag	tgtctcacca	ctgcctcata	840
gcagaacctg	aggtgcagct	tctcctgcag	catgtgcttt	ctctgctgcc	gcatgcgccg	900
caccagctga	ggcagctcag	ggattccgtt	cccagcctcc	acctcctgca	cagctgcata	960
gagcagtga	aaggctccc	tgcggccac	accagagctg	cagtgcacaa	tgatgggct	1020
gtgcagaggc	cgtgatgca	ggtaatgtgc	gtgcacctcc	tggatgaagc	gcagcaagtt	1080
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gggtgggaag	tagcgtgcca	ctttttgctt	ctccatctca	gcctcagaaa	ccagcatgac	1320
aatgactgac	actttctgct	catggacat	gagccagaag	tcagcagctg	tgccaggcag	1380
tggggcctgg	gttgccacta	gcggggggca	gtatggggag	agccctcca	cgcagctggc	1440
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atcatgttcc	tgcgcattct	gcagctctcg	ccagacagtg	tccagagctc	ccacatcccc	1620
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accttgctct	ccagatctgc	gtagaagtcc	ctgcctcct	gcgacttctt	catcagggtcc	3180
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<210> 3432
 <211> 1539
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1051)...(215)
 <223> similar to gi598332 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3432

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tttacaatca	tccatttaat	catctccaaa	aaaaggatga	atttattatt	ttaaactaac	180
attctgtaag	ttaaagagaa	taatcaagtt	gtctcatgga	ctggaagggtg	acttattaat	240
tccctttcat	ttccaaacct	catcaagcag	tcactacatt	tatgaggcaa	gtcagctgaa	300
tgcttgaaat	ctagatgaat	tttaagatct	tcaatttgtc	ctggtgaata	ttcccaatat	360
tgacataaat	aaatcccttc	agataaatgt	gaatttaaat	gcttggaat	attctagcat	420
acttgaaaag	cctttcccac	agtcatacaca	aacatgagga	aaaatttttg	tatgttcaat	480
agcaacatgc	ctgttaacat	ttgtgtgaag	tctactccga	aaaccacata	cttgacatac	540
aaagaagttt	ttacatttgt	caaaggtaat	tttgcttaag	aggctatact	gtccatgttc	600
accattgtta	tacttatcac	ttaactctat	taattttacat	gcatgctcat	ttaccacatg	660
gctatgcaag	tcttctggat	cattagtttc	atgttcacag	aactgacaca	agtactgttc	720
atcacagctg	tgctcctgga	aatgtaggta	gagttcactg	cttgaggaga	actgtacatc	780
acactgttca	caccaataga	ggtgatcact	aaaatgggtg	tctgcaatgt	gctggctgag	840
gttctcaaaa	attactgtct	tataatcaca	gtattttacaa	atgtagggat	cctcttcacg	900
cagtttgga	tgttctatca	gaagcatatt	ggtagagaaa	ctttccttgc	atactcgaca	960
cacatttgaa	tcagtacgtt	tatgcttcag	gatcatatgc	tgctttaagt	cagaaaaata	1020
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<210> 3433
 <211> 4936
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(3978)
 <223> similar to gi3327082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3433

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<210> 3434

<211> 2290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2288)...(245)

<223> similar to gi5052554 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3434

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<210> 3435
<211> 3109
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3110)...(478)
<223> similar to gi2465540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3436
<211> 2899
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1583)
<223> similar to gi4159682 in the genepept database release 114.
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Run with FASTXY 3.3t00, default parameters

<400> 3436

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gggccaggac	tgggtcacct	atgagctgaa	tcagcatctc	ctcctgagtc	ccaggggccc	4320
tgagttccc	agtctcttct	gtcctgcagc	ccttgccctc	ttcccacagg	ttccacttta	4380
tatccacctt	ttccttttgt	tcaattttta	ttttattttt	ttttattatt	aaatgatgtg	4440
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<210> 3441

<211> 1969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(1179)

<223> similar to gi4972746 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3441

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atgcaggagg	tcctacagag	aaaggcgctt	cttgcatctt	agagggccca	cagcctgtca	180
cccacagatc	accaagcagc	tttctacctg	gctctgcagc	ttgccatctc	cagacagatc	240
ccagaggctc	tggggtatgt	ccgccaagct	cttcagcttc	aaggtgacga	tgccaactcc	300
ctgcacctcc	ttgccctcct	gctgtcagca	cagaagcatt	accatgacgc	tctgaacatc	360
atcgacatgg	ccttgagtga	atacccagaa	aatttcatac	tactgttttc	caaagtgaag	420
ttgcagtcac	tctgccgagg	cccggacgag	gcactgctga	cttgtaagca	catgctgcag	480
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tatttaagtt	taactttttt	atgtgaattc	agagtttatt	tatcgaggga	aatatgtaca	1860
aagaagcttc	aaatggaata	tttaccgaca	ttccttatac	atgacagaca	cttggctaca	1920
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<210> 3442

<211> 2263

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2228)...(668)

<223> similar to gi3879811 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3442

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aggtcaagaa	aaatgccaca	gccagaaaaa	tttattttta	aatagaaaca	tacattaagc	180
tttaaaacaa	ccaactctca	aactgaaaga	ggaaagagcc	tttgatccca	gagtccatgc	240
ggaatgaatt	ccatacggtg	tttgaaattc	acataaggag	cacttaggaa	aaccacctga	300

aatgggaaat	ccaacagcc	ccttggcct	gtgagggctt	cccacccctg	gcccggtgta	360
gggacatggg	ccgaaccccg	ggacactcgt	gtgccgggag	gccaccacag	ctcaaggtga	420
ccgggcagca	cccagctctg	tgaccaagac	agatgttcac	acgtggggg	atcgtaagcg	480
ctaccagctc	caaatctgac	gtgatgggaa	cttgggagat	gtctgagaaa	tgtccgaagg	540
gatttttgca	acacagaaaa	cgcaatgtct	aggaattcct	ccaaatgctt	ccaaaaatac	600
tcattgacaa	ttcaagttgc	acttggcttg	cggcagcccg	ggcggccttc	agtccgtgtg	660
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<210> 3443

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (1307)$

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<223> similar to gi4510377 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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gaaatacaaa	gagtgccatt	ggaacagctg	tgtctaagaa	ttaaaatttt	agagatgttt	180
agtgtcata	atctccagtc	tgtgttctct	cggctcattg	aacctccaca	caccgattct	240

cttcgtgcct	caaaaatac	attacgagac	ttaggagcat	taactccaga	tgaaagattg	300
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<210> 3444
 <211> 6436
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(5017)
 <223> similar to gil80803 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3444	
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taccctggaa	accaggact
ggtattccag	gatgcaatgg
cctgggtttc	ctggaaatcc
gagatacttg	gcatgtgcc
ctggctgctg	ctgctgccc
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agaggcctcc	cggggttaca
ccacagggac	caccaggaca
gacctccggg	agcatctggc
acggcccgc	aggccccca
cgctcgggcc	tcctggcttg
ggatgaagg	tgatccaggt
aaagaggatt	tcccggaatc
60	120
180	240
300	360
420	480
540	

ccagggactc	caggcccacc	aggactgcc	gggcttcaag	gtcctgttgg	gcctccagga	600
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aatttgtaat	aaaactat	gtataaaaat	taagctttta	ttaatttggt	gctagtattg	6360
ccacagacgc	attaaaagaa	acttactgca	caagctgcta	ataaatttgt	aagctttgca	6420
taccttaaaa	aaaaaa					6436

<210> 3445

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1712)...(288)

<223> similar to gi2988400 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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caggatgagg	cagagagtgc	ccgggcacaa	gctgttgtag	agctttccaa	tcttcgggct	360
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acagtatttt	ttctgctttc	cacttttaag	atcttttaggc	aagatcacag	cttcagggcc	660
aagaaagagg	cggggctcct	gcaatagtct	ttctttgaag	gtttcactca	ctccagacag	720
atatatagag	ccttggtttt	cagaatctcc	ttccagctca	ttcacgaggg	tgtcacaatc	780
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gagcttaaat	cttctgcctt	gctctctgac	ataaagcaac	gatgtatcaa	taacatatgg	1560
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aggaggaagc	agtgccttta	actgcctctg	tacatctttg	agtttggtcg	tcactggggt	1680
aagaatcttc	ttcgtgattc	ccgaaaagc				1709

```
<210> 3446
<211> 1320
<212> DNA
<213> Homo sapiens
```

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<220>
<221> misc_feature
<222> (48)...(703)
<223> similar to gi5305702 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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cactggtg	gg	tgacagtc	at	acttcgtg	ga	gcccagcg	ag
catcccgg	gc	aagcact	acc				120
aggctgtg	gg	tctgcac	ctc	tggaaggt	ag	agaagcgg	cg
ggtcaatc	tg	cctaggg	tcc				180

gttccatgcc	ccccgtggct	ggcaccgtgt	gccatgcata	cgaccgggag	gtccacctgc	240
gttgtgagct	ctcaccgggc	tactacctgg	ctgtccccag	caccttcctg	aaggacgcgc	300
caggggagtt	cctgctccga	gtcttctcta	ccgggcgagt	ctcccttagc	gccatcaggg	360
cagtggccaa	gaacaccacc	cccggggcag	ccctgcctgc	gggggagtg	gggaccgtgc	420
agctacgggg	ttcttgaga	gtcggccaga	cggcgggggg	cagcaggaa	tttgctcat	480
acccaccaa	cccctgcttc	cccttctcgg	tccccgagg	ccctggcccc	cgctgcgtcc	540
gcatcactct	gcacagcac	tgccggccca	gtgacaccga	gttccacccc	atcggtcttc	600
atatcttcca	ggtcccagag	ggtggaagga	gccaggacgc	acccccactg	ctgctgcagg	660
agccgctgct	gagctgcgtg	ccacatcgct	acgccaggga	ggtgagccgg	ctctgcctcc	720
tgcttgacag	cacctacaag	gttgtgccct	ccacctacct	gccggacaca	gagggggcct	780
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agacccacag	atcccagagc	ttcccaggat	ccctcccaga	tctctgtctg	atctccatatg	1200
gaggcctcac	accagagggg	tagggcagca	gatcttcttt	ataactatgt	attgttcgaa	1260
tcacttttag	gatgtaactt	tataaataaa	catgagcgct	gatgatttgc	aaaaaaaaaa	1320

<210> 3447

<212> DNA

$\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (4) \dots (529)$

<223> similar to gi1924940 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

<400> 3447

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cacaacacag	aattcctcaa	cgtgcctgac	cagggcatgg	ccggcatgca	gaggaagcgc	300
agcgtggggc	aacggccagt	gcctggtgtg	ggccgaccca	agccccagcc	tcggacacat	360
ggtcccaggt	gccgggccct	ataccagtac	gtgggccaag	atgtggacga	gctgagcttc	420
aacgtgaacg	aggtcattga	gatcctcatg	gaagatccct	cgggctggtg	gaagggccgg	480
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ctggtcttcc	tccaacctca	cacctgctgc	ccattctcca	tttctgtgtg	tgtcaaaggg	780
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<210> 3448
 <211> 4009
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(3247)
 <223> similar to gi3882313 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3448

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gcaaaggcag	tgggaagaac	tatgccacca	gctctcctta	aggcggcagc	aaataggtga	180
aagattgaat	gaatgggcag	tcttcagtg	aaagaacaag	gaactctgtg	agtggttgac	240
tcaaattggaa	agcaaagttt	ctcagaatgg	agacattctc	attgaagaaa	tgatagagaa	300
gctcaagaag	gattatcaag	aggaaattgc	tattgctcaa	gagaacaaaa	tacagctcca	360
acaaatggga	gaacgacttg	ctaaagccag	ccatgaaagc	aaagcatctg	agattgaata	420
caagctggga	aaggtcaacg	accggtggca	gcatctcctg	gacctcattg	cagccagggt	480
gaagaagctg	aaggagaccc	tggtagccgt	gcagcagctt	gataagaaca	tgagcagcct	540
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<210> 3449

<211> 2368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2291)...(1951)

<223> similar to gil203928 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3449

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gcatttcagct	agagaaaatt	cacagcattt	tattcaagtt	aatcaatttc	attcaataat	360
ctgccatatt	gttcccagca	ccactattac	tgttattatt	tctctttgag	gaagaccagg	420
tattaagaaa	tctggtttga	atttccatga	tgcctaactc	tatgggttaa	aatccttttc	480
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gaatcagcca ggcaagccaa taccatttgc acaggagggt gtgatggtgg tccaccaagt 2160
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caacccatgt gtagtagcca aagctgaggg tgatgactgt gaaccagAAC agactgcctc 2280
gctgaaagta ggtcgcgcg gctgcogtag ccatggctgc aacacctccc cgcccacgcg 2340
tccgcccacg cgtccgccca cgcgtccg 2368

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<210> 3450
<211> 3790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3292)
<223> similar to gi3413874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3450
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tacgatactc aggtcaaaga gatccgtgct cagctcacag agcagatgaa atgcctggac 180
cagcagtgtg agcttcgggt gcaactgttg caggacctcc aggacttctt ccgaaagaag 240
gcagagattg agatggacta ctcccgaac ctggagaagc tggcagaacg cttcctggcc 300
aagacacgca gcaccaagga ccagcaattc aagaaggatc agaattgttct ctctccagtc 360

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aactgctgga	atctcctctt	aaaccaggtg	aagcgggaaa	gcagggacca	taccaccctg	420
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agactcttta	aaaagagtaa	agaagtcggc	cagcagctcc	aagatgattt	gatgaaggctc	540
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gctcagagca	aactaaagga	ggcggagaag	caggaggaga	agcaaattgg	taaatcggta	660
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<210> 3451
 <211> 2343
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2344)...(2121)
 <223> similar to gi5817268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3451

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catcttacat	caccatggta	catctgtcaa	aaccaagaga	ctgaaattgg	tatattaact	180
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tcacctcagt	caactttccc	ggggaaagag	aatgcatggg	aaaagctcct	gtccttatta	360
ttgaactgga	gaaactgagg	cttaaaagtg	ccgagtgaac	aagttccctt	agagggcagt	420
gagaacaagg	cctgccttac	tctgttccct	ttccccaggg	actcttggtt	ttcagaagcc	480
cctctggaat	gtcctacctg	gcctaacccc	ataccagcag	tgcagacaag	gaggcactcc	540
tactacagtg	ggtccagccc	atggagagac	tcacttcctg	ccccaacacc	tcttccccta	600
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ggt						2343

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<210> 3452
<211> 981
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(319)
<223> similar to gi5824545 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3452						
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gaggagcaga	gccagggagc	catctacact	gtggagtacg	cctgcagcgc	cgtgaagaac	240
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tcttcatctg	gataaggaag	gctggactgc	accttctcta	caggctgagt	tggacattcg	600
cagatctacc	ctcccaacct	gcattctgcc	tcaagcagca	acgcccaccc	caggctcagg	660
ccacatggag	aagccacccc	tagttccagt	ggtggatgtg	gcacctcggc	ctggccaatc	720
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caggccgggg	cgaggggttc	caggggggac	ctgagaacat	tgctgggagc	cctggatcca	900
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<210> 3453
<211> 4362
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1532)
<223> similar to gil503988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gaggaagtgt ggcttgctag tctgttacgt taacatgctt ttctaaaatt gcttcacgtg 4260
ttaattcatt tactcctgca ttcatgtact gtttttggtt ttttccattc actttgtact 4320
tatttttttc attaaatttt gcatttattt tgaaaaaaa aa 4362

```

```

<210> 3454
<211> 1128
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1129)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1128)...(793)
<223> similar to gi4406551 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3454
tttttttttt tttggaggga gaaacaactt tattttcatc cagaaattag taatgtttat 60
aaatttgttt atagtagttt gtaaattatt atcagaaata gtaatgtcta taaaccactt 120
actttaagag acaatcagga actatgatga gggcaataat aaaaggagaa atcttaccaa 180
aaaattaacc tggatcggtt tgcttgctct aaagggttaa gtcacttagg ggaacagat 240
tcagtattat ccaatgggct taaccatcct tccttctttc tgtttgcttt ttggtggtgg 300
ctgggttaca aagagcagtg tcttctgccc tgaaggtagc agtattatgg tgggtgccta 360
gaggtcaatt attggttttag aagagattca ggccttaac ttttacctgt gctttccagg 420
aaaggagaca ctttctttct cagccctgtg tgaggactat gttagcccag aaagtgttct 480
tggaacctg ggtgcccatt ctcatgcta ggaacaggaa gaccctggtt tcctggtaga 540
atztatggat cctacagctt tctctccatc aaactttaag tcacagtaag ataggactct 600
ggagtcacag gcacagccag gagaggtcag cgtccttatg ctgactcctg gtcctagaca 660
tggttcttaa gatccagtag tcagtaggtc tgttgcaaag tcagggactg gctagatctc 720

```


tccacagcag	aagaaagctc	atacatgctg	acctgaggaa	cttaatctga	cagttttaccg	780
acacactcat	aacgcattctc	ttccttcctg	tgatgagagt	actgctttca	tgtgtactgt	840
ctgatgacgg	gtgagggcag	agttcttagt	gaagcctctc	tcacagtgag	aacacctgta	900
aggcttttca	ccagtgtggg	tttttcggtg	ggcactgaag	tgggagctat	tattgaagat	960
tttccacac	actgcacact	tgtatgggct	ctccccagtg	tggatgcgcc	ggtgagcact	1020
gaactgggaa	ctagatgttg	aatctctttc	cacagacaat	gcactggtaa	ggcttttccc	1080
cggtatgggt	cgaattccnc	gcnntggcct	agtgggtctgc	tattcaag		1128

<210> 3455
 <211> 1203
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1202)...(196)
 <223> similar to gil519052 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3455	
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tctgtttttcc	120
tggtgtttttt	180
aattaaagtc	240
gcagctctct	300
agaggagcac	360
gtgtccacct	420
gggaggaaaag	480
taggaggcca	540
gtagcaaacc	600
cctcccagag	660
ctggggacat	720
gtattccct	780
ggggaacccg	840
gtggcatccg	900
cctgagggag	960
cgcaccaccc	1020
cgcccagatc	1080
caggtcccg	1140
cctgctgcat	1200
gggcctgagg	1260
ttcggggaca	1320
cagcaaaggc	1380
acaccccggtg	1440
ctcttttttga	1500
ttgtcgtcca	1560
cccgtaggcc	1620
ctcccagagc	1680
tccctcagcg	1740
tcagctcttt	1800
cttcctgtgc	1860
acgtcaaaca	1920
cgggcttctc	1980
ggtgatgatg	2040
cggtccacgc	2100
accgttttcc	2160
cggtcagcgg	2220
catggtgcat	2280
ttctccatga	2340
tctttggggg	2400
tggtgtcctt	2460
tgtgcagtgc	2520
tgcatgggtga	2580
ccaccactct	2640
ggtctttctga	2700
ctggacacca	2760
agtccatggc	2820
accgcccag	2880
cctttcacct	2940
tcttgccagg	3000
gatcatccag	3060
ttcgccagg	3120
cgccgtat	3180
ggaaacctgc	3240
atggctccaa	3300
gcatgggttag	3360
ttggatgtgt	3420
ccccctcgga	3480
tcattggcgaa	3540
ggagtcgtcg	3600
ctggcggaaga	3660
agcagcccc	3720
gggaagcacc	3780
gtgaccgtct	3840
gcttgccctgc	3900
attgatgagg	3960
tcggcatcca	4020
cctcatcttc	4080
cgtgggaaac	4140
gggcccaggc	4200
ccaggatccc	4260
gttctcactg	4320
tgaagatgga	4380
cagtcattgt	4440
gggactgatg	4500
aagttgctgg	4560
ccagcagggg	4620
gatgcctatg	4680
cccagattgg	4740
cgtacatgcc	4800
gtcctcaa	4860
tccagagctg	4920
cgcgtctgat	4980
gatgcgcgtc	5040
ctggcgtcct	5100
cttcctttcc	5160
agcgtctcca	5220
tcttcctctt	5280
tccggatcgt	5340
taagcgctca	5400
attcgtttct	5460
cgtattttctg	5520
ccccctttatc	5580
acgcgacct	5640
cataaatgtt	5700
aggaacgtgg	5760
atgtcttctg	5820
gggggaagcc	5880
cccacctcca	5940
ccgccgtgac	6000
gtctgcagct	6060
ttgcacatgg	6120
gcacgttgaa	6180
attgcggg	6240
ccttctctga	6300
agaccaggtt	6360
tcctgcccgg	6420
tcggccttcc	6480
accctttcac	6540
cagggcggaag	6600
tctgcccgg	6660
tggcgcgctc	6720
caaaaggaag	6780
tggtcgccgt	6840
tgaactccct	6900
cacctctcgg	6960
ggctgggtca	7020
tgagcgccag	7080
gtggccgtcc	7140
ggg	7200

<210> 3456
 <211> 1266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1264)...(210)
 <223> similar to gi5870865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3456

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accctctgtc	tcggtgccct	cagaacctca	gccagaaagg	caaggaggaa	atcagagcag	180
gagcctcata	ctcttggtga	tctattcatt	ctgtgacctc	aggggtcaca	tataaggcca	240
gtgtttctcg	tccccgcccg	atctgcaactg	ccaactggga	ttgggttcga	acagcttcat	300
aaacatcttc	agcattttgt	accatctgct	ccccaatggc	caaaatcaca	tcaccaggcc	360
gcagaccagc	ccggtgtgca	ggggagccca	ggatgacttt	atggatgagt	acaccatgct	420
gaacatcggg	aaagcttggg	tctcgaagct	gtagtccagc	aaggatgctg	ggactcaggg	480
tcagcatcat	caccccaatg	tagcgccgct	gggacccact	gattccggag	gaggaattct	540
tcttttcccc	acgatgcaga	aactctcgaa	gacgatcaga	agggatggca	aaggagattc	600
cagctgtgac	cttcatggtg	ttcactccaa	tcacctcccc	atccagggtta	accaggggac	660
ctccagagtt	tccaaaatca	atagctgcat	cagtttgaat	gtattccaca	ttgggttggg	720
ggagtccag	gtctctggct	ggacgctgag	cagagctaac	aatgccggat	gtgatcgtgt	780
tctgcagtgc	aaagggactt	cccatggcaa	caacaaactc	cccttgccgg	acatcagctg	840
agcgtccag	aggcagcgtg	gggagaggct	ccttagtctg	aatcctcagc	gttgcgatgt	900
ctgccacggg	atccacagct	gtgaccacgg	cctcatacgt	gtcgccgctt	agcagtctca	960
cacggactct	gcgccgatca	gccaccacat	gggcgttggg	gacaatgagc	ccatcggcag	1020
ccaccacgaa	tcctgagccg	ttcgagatag	ggacctcgcg	gccaagaaa	gggtgccggg	1080
ccaggatctc	gatatagacc	acggcagggtg	ctgtcttctc	caccacatct	gcgatgaagt	1140
tgtactgact	gaagtccctc	agaagtgcac	gccgggacca	ggattccggg	aggccgactc	1200
ctccctgccc	cacgaatgcc	gggaattgtg	gtctccgccc	gacgcgagtt	gtgagacggc	1260
ccaagg						1266

<210> 3457
 <211> 3899
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2695)
 <223> similar to gi5499741 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3457

gactgcctca	acaaagaagg	ctttgacaaa	atagatatca	gtgcagttgt	ggcatataacc	60
atcgtgttaa	aggaggatgg	ggagctcaac	ctaataga	aagcagccag	catcacttct	120
gaagtcttca	acaaattctt	caaggaaaga	gtcatggaaa	tagttgatgc	agatgagaaa	180
gttcgacaca	gcaaactggc	tgagtctgtg	gaaaaggcca	ttgaagagaa	aaaatacctt	240

gctggggcag	acccttctac	tgtggaaatg	tgttaccctc	ctatcattca	gagtgggtggc	300
aactataatc	tcaagttcag	tgtggtgagt	gacaagaatc	atatgcactt	tggggctatc	360
acttggtcca	tgggtattcg	cttcaagtct	tactgtctca	accttggtcg	cactttgatg	420
gttgatcctt	ctcaagaagt	tcaagaaaat	tataactttt	tgctccagct	tcaagaggag	480
ctgctgaagg	aattaagaca	tgggtgtgaag	atatgtgacg	tgtataacgc	tgtcatggac	540
gtggttaaaa	agcagaagcc	agaactgctg	aacaaaatta	ccaaaaacct	aggggttggg	600
atgggaattg	aattcccgtg	aaggctccct	agtaatcaat	agcaaaaatc	aatacaaaact	660
tgaagaaaag	aatggttttc	agcatcaatt	taggattctc	cagacctgac	taacaaggag	720
gggaaaaagc	cagaagagaa	aacctatgcc	ctgtttcatt	ggtgacacag	tgcctgtgga	780
tgaggatggc	ccagctactg	ttctcacttc	tgtgagaaaag	aaagtgaaga	atgtggggat	840
gttcctaaag	aatgaagatg	aggaagaaga	ggaggaggag	aaagatgagg	cagaggacct	900
tttgggaaga	ggttctcggg	cagcattact	tacagaaaga	acaagaaatg	aatgactgc	960
agaagagaag	cgaagagcac	atcagaaaga	actagcggct	caactcaatg	aagaagcaaa	1020
gaggcgattg	actgaacaaa	agggagaaaca	gcagattcag	aaagctcgca	agtctaattgt	1080
gtcctataaa	aacccatctc	tgatgcctaa	ggaaaccgcat	attcgggaaa	tgaagatcta	1140
catcgataag	aaatatgaga	ctgtaataat	gcccgtgttt	ggcattgcaa	caccgtttca	1200
cattgccaca	atcaagaata	taagtatgtc	cgtggaagga	gattatactt	acttgcgaaat	1260
caacttttat	tgccagggca	gtgctctggg	caggaatgaa	ggcaacatct	ttcctaacc	1320
tgaagcgact	tttgtcaagg	aaattacata	ccgagcatca	aatattaagg	cacccgagga	1380
acagacagta	ccagccttga	accttcagaa	tgctttccga	attattaaag	aagtacagaa	1440
acgttataaa	actcgagaag	ctgaagagaa	agagaaggag	ggcattgtaa	aacaagactc	1500
actggtgatc	aatctaaacc	ggagtaatcc	gaaactgaaa	gatctataca	ttcgcccaaa	1560
tattgcccac	aagaggatgc	aaggctcact	ggaggcccat	gtcaatggct	tccgcttcac	1620
atctgttcga	ggagacaaag	tggatatattt	gtacaataat	attaagcatg	ctttgttcca	1680
gccctgtgat	ggagaaatga	ttattgtctt	gcactttcac	ctcaagaatg	ccatcatgtt	1740
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cttggggaaa	catcagcata	tgcagaccg	agatgacctc	tatgctgagc	agatggaacg	1860
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gccacctttt	tgggtgacat	tggatgaggt	agagctgac	cactttgagc	gggtccagtt	2100
tcacctgaag	aactttgata	tggtaatcgt	ctacaaggac	tacagcaaga	aagtgacct	2160
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cctgaaatac	acagaaggag	tacagtccct	caactggact	aaaatcatga	agaccattgt	2280
tgatgacctt	gagggcttct	tcaacaagg	tggctggtct	ttcctggagc	ctgagggtga	2340
ggggagtgat	gctgaagaag	gggattcaga	gtctgaaatt	gaagatgaga	cttttaatcc	2400
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agaagagtca	gactattcta	aggagtcat	gggtagtga	gaagagagt	gaaaggattg	2520
ggatgaactg	gaggaagaag	cccgaaaagc	ggaccgagaa	agtcgttacg	aggaagaaga	2580
agaacaaagt	cgaagtatga	gccggaagag	gaaggcatct	gtgcacagtt	cgggccgtgg	2640
ctctaaccgt	ggttccagac	acagctctgc	accccccaag	aaaaagagga	agtaacttct	2700
gaactttggc	cctgagctcc	attcttcctc	cagccaaccc	ctgaaaattt	tacatgacat	2760
agaaactgta	tttttccttt	cgttttcatt	tgaagttttg	ccattttgtgt	ttatgggttt	2820
agggggccat	ttgtgtggac	caatctactc	ggggaattcc	aggccacca	ggacacgtgc	2880
caatggcccc	attcagatgg	caagggagga	ggtgttcttg	aagacaggag	gaggtcccg	2940
ctgttaataa	atattggttc	attcttctct	cttctgttca	ccttctgcca	agacattgat	3000
ggcttctgac	atcttatttg	gtgtctcaaa	gctgtatttc	caagacagt	gtacaagggtg	3060
acccttaatt	accggtatca	tggttcttga	ccagcacatt	caatcttcca	acctacccta	3120
ctgccatgac	cttccgcaca	tctctaagtt	ttatctttgc	aataactcaag	gttctcggaa	3180
atltgtctaat	ggttgtgata	aaccatacag	cttgagccag	tgaggcagat	tgggctggtg	3240
ccttcgtctg	agttttcctg	ctttcctgcc	tctgagcat	tctgaggtat	atctgctgcc	3300
ttggaagaca	taagaagcag	tgatactccc	tggctcgggt	atltttctcca	tacaatgcac	3360
acatggtaca	atgatagaag	gcaaaattgc	cactgtcttc	ttttttttct	catatatcta	3420
aggaagatat	atcaggttgt	gcctcatgta	ccgcttctag	tgaatgtag	aggaaggctc	3480
aaaggagtca	acatttagat	ctggaaggga	caagtcatgc	cttgggccta	gaataccctg	3540
atgagaaaag	agaagaggaa	gggaggccat	atctacaaca	cagcctctcg	gcactgctgc	3600
tccttatttt	aactttgtct	tgcattgtcc	tgtattttatc	acagtttctg	ttgaacagct	3660

tttcaagtat	ttggggagtt	tatcttgcca	tcctcccctt	ctggttctct	gcacccacct	3720
gtcccactgc	agttccttcc	gtgctctgtg	actttaagag	aagaaggggg	gaggggtccc	3780
ggattttatg	tttgtttggt	ttttctcctt	agcagtagga	cttgatattt	tcaattttgg	3840
aagaactaaa	agatgaataa	actgggtttt	ttttgttggtg	ggtttttgta	aaaaaaaaa	3899

<210> 3458
 <211> 1146
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1147)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> similar to gi1916290 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3458	
gggcgcgcggg	gcccgcggccg ggcgcgctcc agggcgcggcc gccgcggtgg ggcgcaggcc 60
gcttggtcga	gtgaatcgag gcggcggggc catccggaac cggcgcggcca tcgcccgcgg 120
cgcggccggc	ggcaggcggc aggaaccgac cggcgccta cagcaggcca aaacaacttc 180
ccgacaagtg	gcagcacgat cttttcgaca gtggcttcgg cggtggtgcc ggcgtggaga 240
caggtgggaa	actgctggtg tccaatctgg attttgaggt ctcagacgcc gatattcagg 300
aactctttgc	tgaatttgga acgctgaaga aggcggctgt gcaactatgat cgctctggtc 360
gcagcttagg	aacagcagac gtgcactttg agcgggaaggc agatgccctg aaggccatga 420
agcagtacaa	cggcgtccct ctggatggcc gccccatgaa cattcagctt gtcacgtcac 480
agattgacgc	acagcggagg cctgcacaga gcgtaaacag aggtggcatg actagaaacc 540
gtggcgctgg	aggttttggg ggtggtggag gcacccggag aggcacccgc ggaggcggcc 600
gtggaagagg	cagaggtgcc ggcaggaatt caaagcagca gctttcggca gaggagctgg 660
atgccagct	ggacgcctat aatgcgagaa tggacaccag ttaaacagac cagcaaatcc 720
gcgtgcggaa	caggacccag gcgtctcctc ttgctccctg gttggggggc ggtggctggg 780
gctgtgcggc	caatgatgga tttgtttctt ttatgtttta aataggattt aaaaactcat 840
gtaaagggtt	atTTTTTTTcc TTTTTTTTT tttaaaaccc aaaacagacc tttttttccc 900
cgagttatTT	ttgggaaaaa atttactggt tgctgttggg aaaaaggggc ctttccccct 960
tttctataaa	aaaaaaaaaa atgtgtgtag aaaaaaaaaa accaaaaaaa canggggggg 1020
gccccctttt	aaaaaacccc tcggggggcc ccatttacc cgggggttggc aaaggttatt 1080
tttctttttt	ttagggggga atataacccc ctctgggtcc ttttgga aaa cccctttttt 1140
ttggcg	
	1146

<210> 3459
 <211> 455
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (455)...(18)

<223> similar to gi2429362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3459

gtagaggtag	gagctgggag	acaggtagag	ccatggagag	gtgggatctg	ggtgaggcac	60
ggggccttgg	agaggtggga	cctgggtgag	gggtggaacc	tcggagaggt	gggacctggg	120
tgaggggtgg	agccttggag	aggtgggacc	tgggtgaggg	gtggagcctt	ggagagctgg	180
gacctgggtg	aggggtggag	cctcggagag	gtgggacttg	ggtgaggggt	ggagcctcgg	240
agaggtggga	cctgggtgag	gggtggagcc	tcggagaggt	gggacctggg	tgaggtgtgg	300
aacctcggag	aggtgggacc	tgggtgaggg	gtggaacctc	ggagaggtgg	gacctgggtg	360
aggggtggag	cctcggagag	actgtccctg	gacaggggtg	ggaccttgag	agacctggtg	420
ctgagatgag	gtangaccca	natgtcctct	tgccg			455

<210> 3460

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (732)...(101)

<223> similar to gi3337385 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3460

tttttatttt	atttttatat	tattttattta	ttcttcgtta	gtttgttttt	ggagcgtggg	60
ttttgttttg	ttttttgatt	tttttctttt	tttcgaccca	cggattttatt	cttattgccc	120
aggcttgagt	gcaatggcgt	gttctcagct	tactcaacct	ccgcctcttg	ggtttgggta	180
attgtttgtc	ctcggcctcc	ctctgcctct	tgggcttggg	cgattgttcc	acctcatccg	240
ccctccgcct	cttgggtttc	ggtgattggt	ccacctcatc	cacctccac	ctcttgggtt	300
tgggtgggtt	ttccgcctcg	gcctcctgag	tagctaaggg	aggagtcttg	agattatcat	360
ccactgaggg	tggaagagga	gaggggtggaa	gagggacaaa	gagacagtcc	ttcagattat	420
catccactga	gggtgggaag	aggagagggg	ggaaggggag	tgagcagaca	ctcgggaggt	480
gtcttgaggc	tcaggagagt	atcagttata	gaatgttggt	gagttggagg	aggtggctgg	540
tggcccatcc	tgttttttta	agtttcagct	gtgaggtagg	gccagtaggg	caatcctgaa	600
gaatgacgat	gctccgctgc	cgccattctg	acccagttgc	aaagagcctt	tcttgacagaa	660
ggggggattt	tgcattttgtg	gtagtcctct	gctcgccgcc	gcaactcttg	cgcacgttga	720

aacattttcc tatggattac aatcactttc atcagataaa g

761

<210> 3461
<211> 1773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1774)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (28)...(1270)
<223> similar to gi5689535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3461

tcgcgtacgt	acgtttgggat	gctctacagc	ggccgcgcca	tcccatcaa	gcaggggatc	60
ctgctaaagc	ggagcggcaa	gtccctgaac	aaggagtgga	ggaagaagta	tgtgaccgct	120
ctgtgacaac	gggctgctca	cctatcacc	cagcctgcat	gattacatgc	agaacatcca	180
cggcaaggag	attgacctgc	tgcggaaca	ggtgaaagt	ccaggaagc	gcctgccccg	240
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<210> 3462
 <211> 2239
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2152)...(1400)
 <223> similar to gil710175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3462

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tagttttcaa	tattttacag	ggtacagaaa	aaaatagctc	aaagtcttct	ttaaataaga	240
gcataaaatg	tttaaacata	taaacaatcc	ggtttgatgc	gtgaaaacta	atttcacagc	300
ttttaaatat	ggatataaaa	gtttcataca	attagttggt	gtgtgtggat	atgggttgaa	360
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tgtaaacaaa	acaaagttat	atcaccaagt	gccttccccg	aattcgctcc	ctcaaaccac	480
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ggaggcagcc	tggcaatcct	cttcttcgtc	tgcacacagc	acatctgtct	tctgggttttc	2160
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<210> 3463
 <211> 2063
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2064)...(737)
 <223> similar to gi2852632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3463
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 ggccctaatt taatattatc aaggtaaaat gagcacatat aggaagtcag tctaactttg 180
 ttcgcacttg tcttttaaag ttagaataca ttaaaagatt tagcaccgtt gtattttatc 240
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 gaatagcatg actgggtgag aaaacatcat ccacagaatt tagacacaat actggaattc 960
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<210> 3464
 <211> 5017
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5018)...(2724)
 <223> similar to gill136418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3464

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<210> 3465

<211> 4236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3648)

<223> similar to gi3882329 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3465

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gccaggctgc	agtataactg	aagcatgcct	tggagagagc	agacactgtg	ggggccaggg	4140
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<210> 3466

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (940)...(137)

<223> similar to gi2664429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3466

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cgccggcccg	atggtgtgat	ggtacgggtc	ggcagctgcg	tagactctgc	cgtaactgtc	180
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tggggggtggc	gcagcccga	atgtattata	cacggcccgg	ccccggcccc	gaagatgtgc	360
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ggagacgtgt	agccgcttgg	gctgctgctt	ctctgtaggg	tccgaggggt	ggagcggctg	780
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gccatgctct gtggggaccg gggctctggcc ggagtagtc

939

<210> 3467
<211> 1520
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1523)...(667)
<223> similar to gi817954 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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aatatcaatc acccctgcta aacgttttgt tcctaaagtt aaatttcata gattcctaaa 180
cattttatga ttaagataaa aaattggact ataaatgaca attcatggcc atctgtgctg 240
aacacacatt gatcaggtgt acaatattct aattgagtag ttaagcaaaa aatattccag 300
ttaaagcata aattttaatt tcagcatttt aaagtcattg tttccccaca tggatcatgat 360
tttcttaaaa ttgaaatagt ctaatacagg agcgctaacc ttgggactct atatactccc 420
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taaattatca aatgattcag aattacatgg catgcagtat ccaaaattat ggctctgatg 540
cattgagatt tacattaaga ataagaagtg tcattcacia ttccattgta caccaccacc 600
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<210> 3468
<211> 3999
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4002)...(1682)
 <223> similar to gi3327128 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3468

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gcacagcgtg	gcacctgaag	ggaatgctgg	gatttgggat	agaaggtggg	atgtctctta	360
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<210> 3469
<211> 2493
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1790)
<223> similar to gi5733824 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 3470

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(330)

<223> similar to gi5326854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3470

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<210> 3471
 <211> 6076
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3242)
 <223> similar to gi3947688 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3471

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<210> 3472
<211> 1492
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1495)...(80)
<223> similar to gi4689256 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3473
<211> 4696
<212> DNA
<213> Homo sapiens

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<220>
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 <222> (1)...(4492)
 <223> similar to gi2815888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tatggagcct	tcaaagaatc	agtagttatt	aactacactg	aacagttact	ccgtggcctt	4020
tcgtatctcc	atgaaaacca	aatcattcac	agagatgtca	aaggtgccaa	tttgctaatt	4080
gacagcactg	gtcagagact	aagaattgca	gattttggag	ctgcagccag	gttggcatca	4140
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cctgaggtac	taagaggtca	acagtatgga	aggagctgtg	atgtatggag	tgttggctgt	4260
gctattatag	aaatggcttg	tgcaaaaacca	ccatggaatg	cagaaaaaca	ctccaatcat	4320
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<210> 3474

<211> 2915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2202)

<223> similar to gil657752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3474

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aaaaatatgc	actaactaac	atccaggcgg	ccatgggcct	ctcggatcca	gctgcacagc	180
ccctgctggg	aaatggctct	gccaacatca	agctggtgaa	aaatggggag	aaccagctcc	240

gtaaggctgc	agagcaaggg	cagcaggacc	ccaacaaaaa	cctgagcccc	actgcagtca	300
tcaacataac	ttctgagaag	ttagagggtg	aagagcccca	cccacaggat	tcctcgagct	360
gtgagatttt	accctcccag	cccaggagaa	ctaagagctt	tctaaattac	tatgcagatc	420
tggaaacctc	agccagagaa	ctagagcaga	accaaggcaa	tcaccatggg	actgcggaag	480
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acagtgcctc	acccagctcc	ccggatgaaa	cagatatatg	gagtgatcac	tcatttcaga	780
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gaggaattaa	aatcgaacaa	aacataaaaa	aaaaa			2915

<210> 3475
 <211> 2429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (2405)...(719)

<223> similar to gi4510377 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3475

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gattctttta	aaccgcccc	cctTTTTTTT	TTTTTTgaga	tttaacattg	tacattttat	180
taaatactgg	actttattac	aacaaattaa	tttacttccg	atagaagttt	catttttaaaa	240
aatgtgggtg	tgttcaaatt	cttaattgac	acttgTTTTg	gggtaaacat	cctattttta	300
ctgggtggtat	catcaatcat	tatgagcaga	aagattaatt	ttgtaccaca	gaacaaagga	360
atTTctcaag	tgggtacaat	acttcaatat	atataaagg	gaatatactc	cccaaaggag	420
tggggcatga	ccacagcaga	gtatatgatc	agagaacata	ttgcttttat	ggtatatata	480
tatatatata	tatatctcta	catataacat	caagtcatgc	acattaagtc	tttactacct	540
actgaaggct	tctaccttac	acatgaaaa	tgttcatgtc	ccagggtttg	gcatccagcc	600
aaaattttaa	caatgatgaa	gaatggctgt	caaactggct	tttcagacca	cccctgaaaa	660
gctgtcagct	gtaatatcca	tcctggaatc	gtggcggaaa	gttcctggga	gttgcctttt	720
cctgtgtttt	gatcaagtct	ataatagctg	acagtactgc	acagtctctg	gatttagtgt	780
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<210> 3476

<211> 3973

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3975)...(1294)

<223> similar to gi4914601 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3476

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ttttcttttt	tttttttaaa	ttttttttaa	tagtcacatt	cagctcgctt	gctcaaacca	180
gactcccaca	ttgggtgagc	aagatgagcc	cataggattc	cagagttaat	acgtaaccgt	240
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ctaactgtgc	ctctagtcta	tcttcgctaa	acagaaccca	cgttacacat	ggataactag	360
gagaggcaca	ctgtgttgaa	aacgagggat	gctggacccc	aaatgggcac	ttgggcaggg	420
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aaaaaggcac	ttggagttaa	tgggaccagg	attggaggac	tcttagctga	tacagatttc	600
agtacgattt	cattaaaagg	cttgatgtt	aagagaggac	actcagcggg	tcctgaaggg	660
agacgctgag	atggaccgct	gagaagcgga	acagatgaac	acaaaggaat	caaactttta	720
caaccaaaat	gcatttaagc	gacaacaaaa	aaaggcaaac	cccaaaacgc	aacctaacca	780
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<210> 3477

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1458)...(424)

<223> similar to gi3881654 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3477

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ctacgaaaac	aaaacaatca	catgtgacta	ctggaaatgt	tagtgttaca	cagagtcctt	300
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ggacatcact	gcaaagggtca	caggaggaca	gcttcacttc	agagttgtaa	cttctcaccg	480
cctgtctcct	tggctcatag	taatccacta	tggacactga	agcatcttgg	gtatttgaaa	540
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ccctcatttt	ctggtcctcg	cgactgagag	ccaggggcca	catcatgacc	ttctgtcccg	1800
gccgccttag	ccccgggcac	agggaaggca	gctggggcct	ttctgtctgt	gtcccatcct	1860
gctgtccttc	tgtcctggat	gtttcatggg	cccggggccc	ccccagggaa	gcttaccct	1920
cctgtgctgg	gtggaggccc	acgggacacc	tccaggtgcc	accaccttg	gcccttaaaa	1980
cagcccaccc	aggaaagcaa	gccgggagag	cccggacagc	aggcagcctt	gtctgggttc	2040
cttgaggcct	gggggtggca	gacgaagccc	acggcgccgt	ggtcccagca	gcagggttgt	2100
cagtcggagc	atcctggggg	ctccctggct	cctggcccnt	ctgtgaggta	ggcgcagtac	2160
cgtgtatcgt	aggtagcagt	aggaacgggg	gccggcccg	gccctgcagc	cgctcatggc	2220
ggtgaggtgt	gtgccaagcc	cacccgggg	gcagggcggtg	acgtgtaaga	gaacacctag	2280
gcgttgtgac	ctctgaaaaa	aaaa				2304

<210> 3479
 <211> 1838
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1170)...(656)
 <223> similar to gi453376 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3479						
cggaggggga	ctgagatgct	gggatcaaag	aagggggagg	tggtcccat	atataccttcc	60
tttctgaaac	ccagggggga	ataaaggaag	aggggatgag	agatgtgtgc	tgttttaaca	120
gctcacccctg	ctaagggggc	ctaaagtgcc	aagtcaagct	gccagcctcc	agagattaga	180
attctatggt	atttgaagat	aagtgtgccg	cagggggtag	gagccagaac	catagggcag	240
cagtagagga	ggagaaggga	tttagaagac	agtaatatat	gattaaaagt	taaaagctga	300
tccagagcac	atcagagtta	caggttggaa	agggggatct	gccgatgagc	aggaagtctg	360
ctgatggctg	gaaccgagta	tgagaataac	cctcacttta	agagctgctg	ctgcttcttt	420
tttgtctacc	tttctggtaa	agacaacatc	aattttataa	ggggagcaac	agagggagaa	480
caggggatgg	ggaggtggag	ggtgtatgta	tgtgtgtgct	gcgatccaca	atggaaagag	540
caagcccttc	agttatttca	ctagatttta	aatgcttttag	attttttttt	tgtccttttt	600
aacttttaaa	tacaaagtct	gagctgtccc	atgccccaa	tcttctgtc	cactaaggctc	660
cggcagagtc	tgaatcttca	atcagaacct	ctgtggtagc	accgagtata	tctgagttca	720
taaccagccc	ttcagtgcct	ccactgctgc	cgcttcccac	aaagatcttc	ccatcagcca	780
tcaggctcac	ccgttccgtc	ccactgcagt	atgactttga	catcccttca	gcttctaaca	840
gtaggcactc	tccagaggtt	gagtttccca	agggctcagg	aagaagagga	agaccctgac	900
catctgaagg	ctgcgtcagg	gactctgggt	tagtgcccaa	gatatactgtg	ctgggtgatga	960
gggcgcctgc	attgggcagc	cagagcttct	gcaatcagca	cctcaggggtg	gctttttgcc	1020
ttgtgtgcca	ctacgctgtc	cttcttctca	aattttttgc	cacagatatt	gcaagaaaac	1080
tggtagaagg	agtctgcata	atgtttcttc	atgtgccaat	taagagatgc	cttttgtcga	1140
caagtaaata	cacagatctc	acataaagg	agaggagaaa	aggaaatggc	tgatccaaca	1200

gagaaataaa	gagtgtctctt	attcaggatc	agggtttagag	tttagagcat	atatatacat	1260
acacacacac	acacacacac	acacacacaa	taatcagtaa	catacttctt	ttgaaggatt	1320
gggaaatgtt	actagatgga	aaactaatct	gatcttcttc	tgtttgcctg	aaaaacagag	1380
ggaaaactaag	aaaaaggcta	ctaactaatg	cccccaatca	atatccactc	at ttattttga	1440
tgaagtaaaa	cagcagtggc	aactaatatg	tttgtaaagc	ggcaaaccctt	caagtagggc	1500
atatatcctt	ctcaccacaga	tggtcaccag	taaataatac	tcactgtaat	ggcttctcgc	1560
cagtgtgaat	catccgggtgc	actgccagat	tgtgggaact	cttgaaggcc	cgagcacaat	1620
attcacagat	ataatccctt	tgatctatga	agaaaaatac	gtgggttagtg	ttctattttag	1680
ataccctgta	aatatTTTTCC	cttacagtaa	gtaagcagat	gatggggcag	gcaattttaga	1740
gtaaaagcaa	tgctgttttc	aatgtataaa	cactttgggt	aaacaaaatt	taaaaaagaa	1800
aagtattgct	ttaaaaaaa	tccaacattc	ctcgtgcc			1838

<210> 3480

<211> 3184

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (130)...(2367)

<223> similar to gil336628 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3480

gcttttatat	ttgagcttgt	ttttcaagtg	ataggagagt	tgatgcagtt	ctaacgtaag	60
tgtaattaaa	gtaggctttt	tgaaaaaata	gtctgtggaa	ttcttattac	tgtttttccc	120
ccctactttc	agcttcattt	acctcttaat	tctcctttgc	ctggaagtga	attgaccaag	180
gaaccttttc	gttgggatca	gagactcttt	gcattagtg	tgcggttgcc	tggcaccatg	240
tcagtagaat	cagaacagtt	gacaggtgtg	ccttttagatg	actctgcaat	cacaccaatg	300
tgtgaagtga	caggcggccg	ttcatattct	gtgtgttctc	caagaatgct	taatcagtg	360
ctggagtcct	tggtgcagaa	agtacaaagt	ggggtggtaa	taaactttga	aaaagcagga	420
ccagatcctt	cccctgtaga	agatgggcag	ccagatatat	caaggccttt	tggatctcag	480
ccttggcata	gctgtcacia	actcatatat	gtcagaccaa	atcctaaaac	tgggggttct	540
ataggtcatt	ggcctgttcc	agagtctttt	tggccagatc	aaaattcgcc	aacactacca	600
cctcgtagat	ctcatcctgt	agtgaagttt	tcctgtacag	actgtgaacc	aatggttatt	660
gataaacttc	cttttgacaa	atatgagttg	gaaccttcac	cactgactca	at ttatcctg	720
gaaaggaaat	ctcctcaaac	atgttggcag	gtgtacgtga	gcaatagtg	aaaatacagt	780
gaacttggtc	atccttttgg	ttacttgaaa	gccagtacag	cactgaactg	tgtcaactta	840
tttgtgatgc	cttacaatta	tccagtcctt	cttccccctc	tagatgactt	gttttaaagt	900
cataaagcaa	aaccaacatt	gaagtggaga	cagtcatttg	aaagttattt	gaagacaatg	960
cctccctact	atcttggggc	cttgaagaaa	gctgttagga	tgatgggagc	acctaacct	1020
atagcagaca	gtatggaata	tggacttagt	tacagtgtca	tttcatacct	caaaaaacgt	1080
gagtcaacag	gcaaaaatag	aatctgatcg	agtcatttga	tctgtaggca	aaaaagtagt	1140
acaggagact	ggaataaaaag	tccggagccg	atcacatggt	ttatcaatgg	catataggaa	1200
agattttcaa	caactcctcc	aggggaatttc	agaggatgtc	cctcacagac	tgctagacct	1260
taatatgaag	gaatacactg	ggttccaagt	tgttttgctg	aataaggatt	tgaagccaca	1320
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gagatctaata	cttttgaaga	gcactcgag	atttctgaaa	ggacaggacg	aagatcaagt	1440
gcacagtgtt	cctatagcac	aaatggggaa	ctaccaggaa	tacctcaagc	aagtaccttc	1500
tccactaaga	gaacttgatc	ctgatcagcc	acgaaggttg	catacatttg	gcaaccctt	1560

taagctggat	aagaagggta	tgatgataga	tgaagcagat	gaatttgtgg	ctggacctca	1620
aaataaacat	aaacgacccg	gagaaccaa	tatgcaagg	atccctaata	gacgtcggtg	1680
tatgtctcca	ctactaagag	gcagacagca	gaatcctgtt	gtaaacaatc	atattggggg	1740
aaaaggacca	cctgcaccta	caactcaagc	acagccagat	cttattaaac	ctcttcctct	1800
tcataaaaatt	tcagaaacca	ctaattgattc	gataatacat	gatgtgggtg	aaaatcatgt	1860
tgcagaccaa	ctttcatcag	acattacacc	aaatgctatg	gatacggaat	tttcagcatc	1920
ttctccagcc	agtttactgg	aacggccaac	caatcatatg	gaggctcttg	gtcatgacca	1980
tttaggaacc	aatgacctca	ctgttggtgg	atttttagaa	aatcatgagg	agccaagaga	2040
taaagaacaa	tgtgctgaag	agaacatacc	agcatcttca	ctcaacaaag	gaaagaaatt	2100
gatgcattgc	agaagccatg	aagagggtcaa	tactgaacta	aaagcacaaa	taatgaaaga	2160
gatccgaaa	ccaggaagaa	aatatgaaag	aatcttcact	ttactgaagc	atgtgcaagg	2220
cagtttaca	acaagactaa	tattttttaca	aaatgtcatt	aaagaagcat	caagggttaa	2280
aaaacgaatg	ctaatagaac	aactggagaa	cttcttggtg	gaaattcattc	gaagagccaa	2340
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tcttcttcaa	atacaaaagta	aatacaagac	tgttgtgata	ttgcatctat	tttctgacat	2460
gcattgtgtg	ctatttgaaa	tactaaaagc	aaatctacag	atcctttttc	catcattttta	2520
cagtgcactt	ttcttcattt	tggttttattt	ttgtaatgtg	aaaagtatca	ctctaaaaaa	2580
catttttaat	ttaacaaact	aaaaatattc	ctccaaatct	cttgcttgtc	attgactctt	2640
gcgtgtcaat	ttcctcag	ttctattttc	ttaaaccac	ctttaaaatt	gtcacctctg	2700
ttaaggttga	actttgccaa	aaaaaaaaga	agttactttg	taatttttgg	ggaaaaaagc	2760
acatacatta	aaactaggta	atgttttgta	tatacagtta	ttttggatat	attattgtaa	2820
gtgtacaaa	tgtattttcg	aagaatattt	aagtrcaagg	cacttttggt	attccatcaa	2880
taaatgctct	attttactct	tgtgtggttt	aggaaataat	cacattttaa	gctaatacatt	2940
taaaaacatc	ctaagataat	ggaattttta	aggccttgct	tttttagcatt	ggaaaaatac	3000
accacttgaa	gttcatgttt	gttaagccta	actgtaatta	catgtttacat	aatctgcatt	3060
gcctttttac	tatatgttcg	tagtttttgt	tggccatgcc	aacatactcc	cattttctgcc	3120
tagattatgg	gaatgacttt	gtatggggca	gatagacaga	tactttaaaa	gctattttaa	3180
aagc						3184

```
<210> 3481
<211> 2513
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(951)
<223> similar to gi437664 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3481					
ggtaagccaa	ctgaaatcta	ctcaagacac	cttaaaccac	atggaaaagt	ttggaaaagt	60
acaagatgca	agtggaaaat	agcaaagctt	ctttttgaca	agttaaagat	ggatgtttgt	120
cagaaaagtg	atttacttgg	agctagtgcg	tgcaatatgc	tatctcattc	gctcactacc	180
taccagagaa	cactgcttgg	attctggaag	aaaacagctc	gaatgatgtc	ccaatttc	240
gaagcctgta	ttggctttca	tccgtatgat	tttgtagctc	tcaagcaact	acaagacacg	300
ccaagcaaga	ttagtgaaga	caataaagat	gaacaaatag	gcggttttct	tactgaacag	360
ctcaataaag	tagttttgtc	tgatgaggaa	gcaagctttg	agagtgaaca	agcaaacaaa	420
gatcacaatg	aaaaacattc	tcaaatagag	gaatttgag	cacctcagtt	ttctaactct	480
gaaaatgttg	caaaaagatc	acctgtagat	tcattggaag	gagaagattt	tgagaaggaa	540

tcttcatttc	tgaacaacct	cctaagttct	ggttcttcaa	gtactagtga	atttacccaa	600
gaatgccaga	ctgcctttgg	gagccccagt	gccagttctca	ctaccaggga	gccttccatg	660
gggtctgagc	ccctcgctca	ttcttctcga	ttccttcctt	cacaactctt	tgaccttggc	720
tttcatgtgg	ctggagcggt	caacaactgg	gtctcccaag	aggaatcaga	actttgtctt	780
tcacacactg	ataaccagcc	agtgccttca	cagagtccaa	agaaattaac	aagatcccc	840
aacaatggca	accaagacat	gtcagcctgg	ttcaatctgg	ttgcagactt	ggatccactt	900
tcaaaaccag	atgctattgg	acactcagat	gatgaacttc	ttaatgcttg	actgaagtta	960
taatgtcact	tcagtggcct	tgagacatca	attttgcaac	gtatttcctt	cgtggaaagg	1020
atthagattg	taaccgcac	acaaaagcac	ggtgtttgtg	aatataacac	ctgtcagcca	1080
actttagaca	gatggtaaag	accacatttg	aataagtaca	catctttcat	atcttggatt	1140
tgcagctgtt	ggtactatgt	ggaaaatatt	agaaacttct	atgtggaaaa	tattagaaac	1200
tacagagttt	gcgatattta	gatactgaaa	tttatgtcaa	aataacggct	aggaataatt	1260
ctgtcaatat	ggagttgagc	ttatttcttt	ggaaaccctt	ttaagttgcc	ttgctggctg	1320
tgagaatttt	atatgtggat	aacaaagata	gatagatagc	atgtaaattg	ggttgtgggt	1380
tggggtcagt	ttttaaatga	aatagtagcg	aggaggattt	tctgttttgg	aaaacaccat	1440
tagaaccaga	ccagctttgt	tttgggttag	agagagtaag	at ttgagaac	tcagtttgct	1500
ttaatgaaat	cacagagaaa	cttgggtactt	gtttttcttc	at ttggaggc	taaaatgtaa	1560
tgttttttca	ttcatacaaa	ataatggaca	ctccctaatt	ccattattaa	atcttgaagg	1620
ggaagtagca	ggataattaa	tttgctaagc	ccatcctctg	cagaaacaga	aaaatctatc	1680
ttcccatctc	ctaaaactca	gaatgcacag	taatacttaa	ggcttgtaca	agtgtcttca	1740
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aatttctatc	tgaatgaggg	agacacttat	gaacacctta	tccttacata	tatttgcata	1920
cttatctcat	at ttgtgtgac	ataattattt	aacccagaat	actttctggc	agacatacag	1980
aaagctctgt	gtgatcaata	agggagtgtc	tcatttttct	acttccctct	ttctgtgggt	2040
gacatgactc	gaggttctat	ttgattacta	agcaaaatct	gttaccctta	cagggtttag	2100
aacctaagta	ttagagagga	aggctatttta	atggaagtta	gtgtaagctg	ataaaaacgt	2160
agctaccgta	cacacacatc	aatcactcaa	ttctctgtcc	ttttaaattg	cccacccttt	2220
aattttgaag	caatttccca	agtgtgtgtt	tgttttatat	ttgtcatcca	gtccattgca	2280
tttccataag	aagacatttt	gactggctgg	gtgcggtggc	tcacgcttgt	aatcccagca	2340
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atggtgaaac	cccgctctcta	ctaaaaatac	aaaaaattag	ccaggcgtgg	tggcacgtgc	2460
ctgtagtccc	agctactccg	gaggctgagg	caagagaatg	gcgtgaqccc	qqq	2513

```
<210> 3482
<211> 2867
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1984)
<223> similar to gi3818572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3482					
cttcctcttc	tccacgcagg	cttcaacagg	agatttatgg	agaatagcag	cataattgct	60
tgctataatg	aactgattca	aatagaacat	ggggaagttc	gctcccagtt	caaattacgg	120
gcctgtaatt	cagtgtttac	agcattagat	cactgtcatg	aagccataga	aataacaagc	180
gatgaccacg	tgattcagta	tgtcaaccca	gccttcgaaa	ggatgatggg	ctaccacaaa	240

ggtgagctcc	tgggaaaaga	actcgctgat	ctgccccaaa	gcgataagaa	ccgggcagac	300
cttctcgaca	ccatcaatac	atgcatcaag	aagggaaagg	agtggcaggg	ggtttactat	360
gccagacgga	aatccgggga	cagcatccaa	cagcacgtga	agatcacccc	agtgattggc	420
caaggaggga	aaattaggca	ttttgtctcg	ctcaagaaac	tgtgttgtac	cactgacaat	480
aataagcaga	ttcacaagat	tcatcgtgat	tcaggagata	attctcagac	agagcctcat	540
tcattcagat	ataagaacag	gaggaaaagag	tccattgacg	tgaaatcgat	atcatctcga	600
ggcagtgatg	caccaagcct	gcagaatcgt	cgctatccgt	ccatggcgag	gatccactcc	660
atgaccatcg	aggtcccat	cacaaaagggt	ataaatataa	tcaatgcagc	ccaagaaaac	720
agcccagtca	cagtagcgga	agccttgga	agagttctag	agattttacg	gaccacagaa	780
ctgtactccc	ctcagctggg	taccaaagat	gaagatcccc	acaccagtga	tcttggttga	840
ggcctgatga	ctgacggctt	gagaagactg	tcaggaaacg	agtatgtgtt	tactaagaat	900
gtgcaccaga	gtcacagtca	ccttgcaatg	ccaataacca	tcaatgatgt	tcccccttgt	960
atctctcaat	tacttgataa	tgaggagagt	tgggacttca	acatctttga	attggaagcc	1020
attacgcata	aaaggccatt	ggtttatctg	ggcttaaagg	tcttctctcg	gtttggagta	1080
tgtgagtttt	taaactgttc	tgaaaaccact	cttcgggcct	ggttccaagt	gatcgaagcc	1140
aactaccact	cttccaatgc	ctaccacaac	tccacccatg	ctgccgacgt	cctgcacgcc	1200
accgctttct	ttcttgga	ggaaaagagta	aagggaagcc	tcgatcagtt	ggatgaggtg	1260
gcagccctca	ttgctgccac	agtccatgac	gtggatcacc	cggaaggac	caactctttc	1320
ctcctgcaat	gcaggcagtg	agcttgctgt	gctctacaat	gacacctgct	gttcctggag	1380
agtcaccaca	ccgcctggc	cttcacgcct	cacggtcaag	gacacaaaa	tgcaacattt	1440
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caagccaatg	gcagctgaga	ttgaaggcag	cgactgtgaa	tgcaaccctg	ctgggaagaa	1620
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cccatgccgc	cccttgga	tgtgcattga	atgggctggg	aggatctctg	aggagtattt	1740
tgacagact	gatgaagaga	agagacaggg	actacctgtg	gtgatgccag	tgtttgaccg	1800
gaatacctgt	agcatcccca	agtctcagat	ctctttcatt	gactacttca	taacagacat	1860
gtttgatgct	tgggatgcct	ttgcacatct	accagccctg	atgcaacatt	tggctgacaa	1920
ctacaaacac	tgggaagacac	tagatgacct	aaagtgcaaa	agtttgaggc	ttccatctga	1980
caggctaaag	ccaagccaca	gagggggcct	cttgaccgac	aaaggacact	gtgaatcaca	2040
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atgtttaata	tttgaccttg	aatccattcc	aagtcacca	aatttccatt	ccttagaaag	2160
ttatgttccc	atgaagaaaa	atatatgttc	cttttgaata	cttaaatagac	agaacaaata	2220
cttgggcaaa	ctccctttgc	tctgcctgtc	atccctgtgt	acccttgtca	atcccatggg	2280
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taaaagtc	cattgctgtt	tagcttgact	gttttcctca	agaacatcga	tctgaaggat	2460
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taacaaagtc	atccatgatg	agggaaaaag	tggcatttca	tttttgggga	atccatgagc	2760
ttcctttatt	tctggctcac	agaggcagcc	acgaggcact	acaccaagta	ttatataaaa	2820
gccattaaat	ttgaatgccc	ttggacaagc	ttttcttaaa	aaaaaaa		2867

<210> 3483
 <211> 1091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(798)

<223> similar to gi6002700 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3483

tttcgtagag	cagcaccag	cagcgccccg	gggtccccgc	gggaccgcg	ccactggacg	60
gatacctcgg	agtggcggac	cacaagcccc	tgaaaatgca	ctgcagggac	tgtgccctgg	120
tgaccagctc	agggcatctg	ctgcacagtc	ggcaaggctc	ccagattgac	cagacagagt	180
gtgtcatccg	catgaatgac	gccccacac	gcggctatgg	gcgtgacgtg	ggcaatcgca	240
ccagcctgag	ggtcatcgcg	cattccagca	tccagaggat	cctccgcaac	cgccatgacc	300
tgctcaacgt	gagccagggc	accgtgttca	tcttctgggg	ccccagcagc	tacatgcggc	360
gggacggcaa	gggccaggtc	tacaacaacc	tgcattctct	gagccagggtg	ctgccccggc	420
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gaatgtacaa	tgtacctctc	ccatgagcga	ggacgcaagg	gcagtcatca	ccgctttatc	720
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tcctgagcca	ccagacagga	aagggtagca	gaaaacagct	tactcctca	ggaagtacca	960
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<210> 3484

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(738)

<223> similar to gi994773 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3484

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aatagagact	ttacgactgg	ccaaaaacta	catctgggca	ctttctgaaa	ttctgagaat	180
cggcaagaga	ccagatctgc	tcacattcgt	ccaaaactta	tgcaaaggctc	tttcccagcc	240
aactacaaac	ttggtggcag	gctgcttgca	gctcaacgcc	aggagtgttc	tgatgggtca	300
gggtggggag	gctgcacacc	acacaaggctc	accctactct	accttctacc	caccctacca	360
cagccctgag	ctcaccactc	ccccagggca	tgggactctt	gataattcca	agtccatgaa	420
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cagccctcag	tttgaaggctc	ccttaagtc	tcccccaatt	aactataatg	ggatattttc	540
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caaggtgtct	aagaatatac	tggtgaataa	agacatgcac	acagcataat	tcaatgtcta	1080
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<210> 3485
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(507)
 <223> similar to gi5771535 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3485						
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cggttttca	ccgaggagga	gctggccgc	tatggcggtg	aggaggaaga	tcagcccatc	180
tacttggcag	tgaaggaggt	ggtgtttgat	gtcacctcgc	gaaaggagtt	ttatggacga	240
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ccaaagtggg	acacctccta	gatgtcagta	tcagctggct	gggcagtgga	atTTtgagcg	780
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<210> 3486
 <211> 6527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3049)
 <223> similar to gi5410204 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3486

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aaggatggcc	gggagaatac	cacactcctg	cacagccctg	ggaccttgca	tgccgcagcc	420
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6527

<210> 3487

<211> 4380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4383)...(1310)

<223> similar to gi3882293 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3487

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<210> 3488

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1152)...(0)

<223> similar to gi3347848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3488

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<210> 3489

<211> 2647

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2431)

<223> similar to gi5305411 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3489

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<210> 3490

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (562)...(679)

<223> similar to gi3493529 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3491
<211> 1030
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(798)
<223> similar to gi5912208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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agagattgat ccagaccaac ccaaaagact gcatactttt ggcaatccgt ttaaacaaga 180
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<210> 3493
 <211> 4779
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (178)...(3458)
 <223> similar to gi3776088 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3493
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 aaaatcctta gtgatattga catgtctcaa gtgacataaa ttagccaatg actcggaatg 180
 atggattctc cgaagattgg aaatggtttg ccagtgattg gaccagggac tgatataggg 240
 atatcttcac tccacatggg ggggtatttg ggaaaaaatt ttgattcagc taaagttcca 300
 tcagatgagt attgccctgc ttgtaaagag aagggaagt taaaagcctt aaagacttac 360
 cgaattagtt ttcaagaatc tatctttttg tgtgaggatc tgcagtgcac ctatcctttg 420
 ggctctaaat cacttaataa cctaatttct cctgatttgg aagaatgtca cactccacat 480
 aagcctcaga aaaggaagag cttagaaagc agctataagg attcacttct tttagcaaat 540
 tccaaaaaga ctagaaatta tattgctatt gacgggtgga aagttttgaa cagcaaacat 600
 aatggagaag tatatgacga aacctcgtca aacttacctg atagtagtgg tcaacagaat 660
 ccaattagga cagctgattc cttggagcgg aatgagattt tggaagctga tactgttgac 720
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 gcagagatag agacctgtct gaatgaagtt agagatgaaa tttttattag ccttcagccc 1140
 cagcttagat gcacattagg tgatatggaa agccctgtgt ttgcatttcc cctgctctta 1200
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 gtcacccctg agtggcacc ctttaattgt gccatttttg gccatgttaa caattgcaac 1380
 agtaaatcac aaataagaaa aatgggtatta gaaaaagtat ctcccatatt catgttgcac 1440
 tttgtagaag gcttaccaca gaatgacttg cagcactatg catttcattt tgaaggctgt 1500
 ctttatcaga taacttctgt aattcagtat cgagcaataa atcattttat aacatggatt 1560
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ccagcagttt	gaggccacag	tgagccatga	tcgtgccact	gcactccagg	ctaggtgaca	4740
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<210> 3494

<211> 1528

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(226)

<223> similar to gi836883 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3494
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caccctggat ggcggagagc tcatagtcaa ctacagagca caagccagtc aggccacacc 180
agtcaacctg accaaccatt cttacttcaa cctggcaggc caggcttccc caaatataaa 240
tgaccatgaa gtcaccatag aagcggatac ttatttgcct gtggatgaaa ccctgattcc 300
tacaggagaa gttgccccag tgcaaggcac tgcattcgac ctgagaaaagc cagtggagct 360
tggaacacac ctgcaggact tccatctcaa tggttttgac cacaatttct gtctgaaggg 420
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ctggcctgat gcagtcaatc agccccgctt ccctcctgtg ctgctgaggc ctggtgagga 660
gtatgaccac accacctggt tcaagttttc tgtggcttaa ggaagtgtga agatatgatc 720
cagtcagggt ctaggtcag ccacctgtct cctgtccaga aaaaagggtga agattaagaa 780
gctttcagaa tgattctatg gattaaaatc atacaaatgg tggctgttct gagaatcagt 840
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caggagatcg agaccatcct ggctaacacg gtgaaacccc gtctctacat aaaaaattag 1380
ctgggtgtgg tagcacgcac ctgtagtccc agctacttgg gaggtgagc caggagaatc 1440
gcttgaacct gggaggtgga ggttgagctg agccgagatc atgccactgc actgggcaac 1500
agagcaaaac tcgatctcaa aaaaaaaaa 1528

```

```

<210> 3495
<211> 1404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (13)...(959)
<223> similar to gi5926736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3495
ggaattccct gtacagagat gggcaatttt gacaatgcta atgtcactgg agaaatagaa 60
tttgccattc attattgctt caaaacccat tctttagaaa tatgcatcaa ggctgtgaa 120
aaccttgctt atggagaaga aaagaagaaa aagtgcatac cgtatgtgaa gacctacctg 180
ttgcccagca gatcctccca gggaaagcgc aagactggag tccaaaggaa caccgtggac 240
ccgacctttc aggagacctt gaagtatcag gtggcccttg cccagctggt gaccggcag 300
ctgcaggtct cgggtgtggca tctgggcacg ctggcccgga gagtgtttct tggagaagtg 360
atcattcctc tggccacgtg ggactttgaa gacagcaca cagagtcctt ccgctggcat 420
ccgctccggg ccaaggcggg taaatacgaa gacagcgttc ctgagagtaa tggagagctc 480

```

```

acagtccggg ctaagctggt tctcccttca cggcccagaa aactccaaga ggctcaagaa 540
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ttacctgtgc ggccagatgg caccttgaac tcatttggtta agggctgtct cactctgcca 660
gaccaacaaa aactgagact gaagtcgcca gtcttgagga agcaggcttg ccccagtg 720
aaacactcat ttgtcttcag tggcgttaacc ccagctcagc tgaggcagtc gagcttggag 780
ttaactgtct gggatcaggc cctctttgga atgaacgacc gcttgcttgg aggaacccag 840
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gattttaata aacgttggtta cccatgtcct ccagtgtcta tcaaatgagg taaaaggccg 1260
gctggtgggc atggtgagtc cccctgtgta tcccagcaac tttgggaggc tgcagtggat 1320
ggcttgagct cagaagtgtg agatcagccc aggaacata gataccctgt ctacaaaaaa 1380
accaaaaaat tatccagggg tggg 1404

```

```

<210> 3496
<211> 1816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1698)...(0)
<223> similar to gil552275 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3496
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ggagagagtc tggctttgtc gcccaggctg gagtgcagtg gcgcgatcac ggatggctgc 180
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ggaggaaatg gtggaaggcc cagctctggg tgatcctggg cgctgcccc gttaccogtt 300
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catcagcagc agcgggagct ggggcacggg cgtggtgcca gaggcataca gacaggtggt 420
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gcagaccccc gcagagtagc tgactgagtt atagacgtag tagcgtgca gtgtgctctg 540
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cttccggacc accttcaggt atttttcatt gaagccctcc cggaacctat ccttgttttg 960
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gcacacctgg	aaggggtctt	tggatacctt	gtagtcaggg	tcaaggtgca	ggtcagcgat	1620
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ggcgagcagc	ctcatcctcg	gggctcactt	ccccagagcc	gtgggattct	ccaggcactg	1740
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tccttgtcct	gttacg					1816

<210> 3497
 <211> 466
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (343)...(146)
 <223> similar to gi4519602 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3497	
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gcaggaagtg	ggcagggcgcc tctagatgaa atattccctc ttgtcgtccc ctctgactg 180
ccgccttct	gcattgatga tggcgtgtc cgcgtctgga gcatcgtcgg agccttttgc 240
ctcatgtgtc	agtggccgag gaagatgagc atgatgagca gcaggaagac aatgaaagcc 300
acgatccac	cgatgatggc gtgtcccgcc cacttaagga tattcctgga agaagatgca 360
gtagctcctt	ctaccaccag gcgtcagcac tggaaacaga cgcagtccaa caggactccc 420
tctgcctggc	tgttgagcac aaagcagagg ggagatcagc aagata 466

<210> 3498
 <211> 3344
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3345)...(677)
 <223> similar to gi5689457 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

001310" 5228460

<400>	3498						
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gtgacggatg	gcgacgtgct	gctggcatga	gacacacgga	gcagagggag	gagagccgtg		180
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accccctagt	tttattgcct	taagaatgtg	tgtgtgtttc	acctttctcc	tctgttagtt		420
ctcccagtg	ttttcttcta	tcacgcgcgc	tccttttccc	ttttgcttag	gagcaagcac		480
agtgcgaagt	gcagaacgat	ctgggcacac	atcagacacc	aaacggtatg	ccactgggtc		540
acgagaacga	gtctgcagag	gctccatagg	acagacagca	cgcacatcaa	aaacaagggg		600
cagaagttgc	agtcagaaag	tgtgtgatac	cttcctgaaa	atacagtctt	cttgccaaaa		660
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gaatttgttc	ttccataaga	agtctaacct	acagtaatat	tcattctgtc	taccagaac		1500
aacagtggtg	atgaagaata	tagagagaga	cacagagccc	atggtcttca	ggtctttcca		1560
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tctgcacaat	gaagatgcag	aagaatatga	gacaggcaca	agtcacataa	tacttgaacg		2160
ctggcagtg	cgtggcccg	tactcttttt	ctagtacttt	gttatagaaa	agcagtgaga		2220
ttctctgaat	gtcttcagac	ttgagccatt	gcttctgtgc	attaatccca	tcaattgctt		2280
gaatcatcct	ttcattcaat	tcttcttcaa	atctcttctt	ttgtgacttg	gttcttaagg		2340
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ctgtggtcat	gctgtccctg	tactgtagg	gtgcaaagg	cttggtgcgc	ccccaggact		2460
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agccaacgat	gtcagcgtat	aagatgtcca	cgtttgtatg	ccgttcaca	tacaggttgt		3120
ggaagttatt	tgtgttctcc	atctggcccc	ccttggggcc	ctgcagctc	tggatgatct		3180
ccgctttcat	ctccattggc	atgtggcccg	gcagcaggga	gagcagaagc	cgctcctggt		3240
gac							

<210> 3499
 <211> 2891
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2138)
 <223> similar to gi4426597 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3499

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ctggaggagt	ttgaggatga	agacctctcg	gagatcactg	atgagtgtgg	catcagctta	180
cagtgcaaag	acacctgtgc	cttacggccc	ccgcgcgcgc	ggctgctctc	tgccggcggc	240
ggcggcgcg	ggagccgggt	gcaggccgag	atgctgcaga	tgacactgat	cgacgcgacg	300
ggggacactc	ccggggccga	ggacgacgag	gaggacgacg	acgaggagcg	cgccggcccg	360
cggccgggag	cggggccgcc	caaggccgag	tccggccagg	agccggcgct	ccgcggccag	420
ggccagagcc	aaggccagag	ccagggcccg	ggcagcgggg	acacgtaccg	gcccagcgcg	480
cccaccacgc	tcaacctctt	tccgcagggt	ccgcgggtct	aggacacact	gaataataat	540
tctctgggca	aaaagcacag	ttggcaggat	cgggtgtctc	gatcatcctc	acccctgaag	600
acaggggagc	agacaccacc	gcataaacac	atctgcctga	gcgatgagct	gccccccag	660
agcggccccg	ccccaccacc	agatcgaggc	acctccaccg	acagcccttg	ccgcgcgacg	720
acagccaccc	agatggcacc	tccgggtggt	ccccgtggtg	ccccgcactg	gggggtcggg	780
ccactcgcat	cgagaccgaa	tccactacca	gtccgatgtg	cgaatagagg	ccactgagga	840
gatctacctg	accccgagtgc	agaggccccc	ataatattgc	agagcccacc	tccgccttca	900
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ccacggcagg	gcggccgcac	ccctccatca	gtgaagagga	agagggcttc	gactgcctgt	1020
cgcccccaga	gcgggctgag	cccccaggcg	gagggtggcg	ggggagcttg	ggggagccgc	1080
cgccacctcc	acgggcctct	ctgagctcgg	acaccagcgc	cctgtcctat	gactctgtca	1140
agtacacgct	ggtggtagat	gagcatgcac	agctggagct	ggtgagcctg	cggccgtgct	1200
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tcaccaagca	ccccgcgcac	caccggtttg	cctgccacgt	ctttgtgtct	gaagactcca	2040
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agtacacctg	ccccacagaa	gatattctacc	tggagtagct	gtgcagcccc	gccctctgcg	2160
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<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1789)...(395)
<223> similar to gi2662167 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3501

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aaaagaatac	acatatcaat	ataaagcaca	gaagtatagc	ttactcagga	tgaatagatt	120
cattatcagg	tcacgttgca	aaaataccta	aaatatctca	atttatatac	tatatagcac	180
aataaaaaatc	agcacatggt	caggatctca	agattaattg	gtatccataa	aatggcctcc	240
ctcaatcaac	atgggaaacc	taaggattgg	atttattaat	taccaatatg	cattgggggtt	300
ccatattgca	actcccaaaa	actgtttgag	gctttatgag	aacagagggg	tattcagagt	360
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ttggagtttc	tgaccaaact	gttttgcttc	ctggaatatt	gaaataagct	cagatttagt	480
gaacttttcc	ttggtaaata	gctttgcctt	tgttttgaa	tgaaaattta	tattctcaaa	540
tatttcaata	atattaagaa	tattggcctt	tgactcattc	ttgttaaagg	gtgcaaccaa	600
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cgaaaacact	tttaaaacat	aaaacttggt	tttgacactt	cccttggtta	acaaggtgag	720
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aatcataaca	gtaataccta	catcatgaat	tatatcttga	gtaaatggat	aagcaggact	1020
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ggcaacaagt	ttatcaaact	ctttaggctc	taaactaaag	ccacgtgatt	tgcagtggca	1140
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gctggtctct	tcccttctgt	cagggtctgga	cccagtattg	gccttatcat	gtgacttggc	1620
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<210> 3502
<211> 2515
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (31)...(1190)

<223> similar to gi3170538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3502

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ttttccaacc	tttgtttatt	tgtattgatg	ccctttgcct	ttttctttct	ggaatcagaa	180
ggctttgctg	gcctgaaaaa	gggaatccga	gcccgcattt	tagagacttt	gggcatgctt	240
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gatgccgcaa	gcatggaatc	tttatatgat	ctctgggagt	tctatctacc	ctatttata	360
tcctgtatat	cattgatggg	atgtttgtta	cttctcttgt	gtacaccagt	tggccttttc	420
tcgtatgttc	acagtgatgg	gtcagttgct	agtgaagcca	acaattcttg	aagacctgga	480
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agaacagttt	tgcagtataa	cacgatctga	taatcattca	gttattaaat	tgtaaataat	2340
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gtcaaccatc	cactagggta	ggataccgaa	atctgtggca	tgcaaaaata	gggagatggg	2460
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<210> 3503

<211> 1087

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1088)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1089)...(518)
<223> similar to gi3212996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3503

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gccagggaag	gcaacccccac	cagaggcaga	acggagggtca	ggggggcagc	tggcccagga	180
agcctttggg	gaatggctca	ggcctcaggc	agggactgtg	caaacgccga	ggctgcgcag	240
ggagtgatgg	gttgggggct	taagccccga	gcaccgtgtt	cccctgcatg	ggcagacacg	300
cagtcaggct	agcacctgcc	cactccacct	gtgagtgtac	acaggtgtcc	gcgtaaaagc	360
cgggtgcctgc	acgcagctta	catacagaga	gcggaacgag	ggtccccagc	agaacagggg	420
gctcgttcca	gagcttaagg	aaatagctta	gagaagtctt	tggaagcctg	ggtcgagggg	480
agagcaggga	ggctgctctg	ttgcccattg	gcctcaggaa	gccaggcctt	cctgccgccg	540
ctggaggacc	tcgatgacgc	tgccgatacc	gtcctcgggc	accagggcgt	ggtcgaagtt	600
gaagggtgctg	atgtagtagg	cagagatgtc	agcggcagcc	aggggacctg	caatctgtgc	660
cacgatgcc	cattcatcaa	agcccagggg	ctgtccaccg	atgcgcacca	tcctccacag	720
ctcccccgag	gagctgggtca	gcaggaggtc	actggggaac	tttttctgtg	tttcagcatc	780
catgacaatg	gaagatataa	ccctcgatga	gggagaaggc	aaagaacgtg	atggagctgg	840
gttcaggact	gctagaggct	gcctccttgg	gggtgctgtg	cgagtagaag	aggacatcta	900
tgagggtggg	ggcgatggct	ggaagcgtct	cagggtccag	tgtgaggaca	cagaagcggg	960
tctgtgggct	ctggatggga	tgcaccgtgg	ggctgggccc	atgctgagtg	cggggaaagc	1020
cattgctgga	atcatccctc	gtcacaggca	cnagctctcc	gcccaactcg	ggtaaatgtc	1080
gaactcc						1087

<210> 3504
<211> 654
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (652)...(242)
<223> similar to gil573605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3504


```

ctggtggcag agattaacaa actgcttcaa gatgtccgcc agagctagga gattttagcg 1320
aagcattttt gtttccatgt atatggaaat agggacaac aacaacaaca aaaaaccctg 1380
aaagaactgg cattgccaaa tagttgcatt tatcataaat gtgtctgtgt atattgaata 1440
ttaaatactg tattttcgta tgtacacaat gcaagtgtga ttattttaat ctgtatttta 1500
aaaatacatt tgtaccttat atttatgtgt aatttaacaa acaaatTTTA tttttttact 1560
cccatgacag acatgttttt cctagtcgtg tagaaactag ccactgttca aatctgatac 1620
actattcaac cacaaagtgt aaaggcactg cttagattag ttttgttggg gaagaattat 1680
tatgttgtat ggacaacccc actgaagcat ttatacaatt cttaattcca ttaagtgatc 1740
ccactttttt tcaataactt tttagaaatt aaggaatcat taaaattgtt aaggctatTT 1800
tattgttatt ttctctactt tctactagcc ccaatagttg gaactcttat aggggaaaat 1860
cggaagata aagtggaaag gtttatttca ggactgagga aatatcttga aggttattta 1920
ttaggatgga ctatctccaa atggaacttt tttattagga cantgatgga aaacaggaac 1980
caaaagtcca atgtttncct gactcccagg gccccacta tttccagg 2028

```

```

<210> 3506
<211> 1151
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (824)...(170)
<223> similar to gi3878737 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3506
tttttttttt ttgaagatcg cacactttat tttgaaaacc aggccaggga cagctccagt 60
ttgggggggag ggggaagagat tataactttt aaatctacta cgaaaataca aaaagaggaa 120
tgtgacagggt ttcttctctg tgttatgtca ccgtctgtaa tcagatccca cagtccagcc 180
cagaatcata attcacataa cagcgaaact catttgccaa gttccgggtg tgtcttgga 240
acaaacgtgc acatcttcac tccaaggagt tctgctgcct gttcttccat gatggcacct 300
gtgccacagc agaatcttgc cccgcgtcag gtacttgacg gtttccgatg tttttctgag 360
acattcctcc gaaagatagg gaggatctgc tattacgatg tcaaaactat gtgcagcaat 420
tctttcgggt aagtccaatg gattattgta atcatagaaa ataaactcct ctccatacat 480
ggcaaattct ttgtcatatt caaagatgta tatcgaaaag ttttctctgc acagctctct 540
gagtttctgg taaacactag gggcaactcac acatgcgatt ctgccacett ctctacagc 600
tgcaattgcc tcctgtgcca gctgcagagc agtttctctga ctataccaaa actggctcag 660
ttgccaattc tcttctatta ttccaatgtt atatttatca tcctcgcttg gctcaatttg 720
ttgcttttgc tcagcataaa attcctggag agctgctaag gcatgggcag aaagctgggg 780
tgtctcatca tcttccaaat cactcatttc acaagttggt tataaccag gtgtggtggc 840
aggcacctat agcgccagct actcaggagg ctgagacagg agaatcgctt gaaccaggga 900
gatggagggt gcagtcagct gagatctcgc cattgcactc cagcctgaat gacaggagtg 960
agacagccgc gcgtgcgcac ccacgcgtcc gcggacgcgt gggctggcct ccgttgcaac 1020
tgttttgacc tagtgaaggc ctgacttttc tcagacagat ttcttttaac tcttctgccc 1080
tgactccagt cttcactggg atgctgcctt gcacttgagg aatgtgaacc ttccctaagc 1140
ggacgcgtgg g 1151

```


<210> 3507
 <211> 2249
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1319)
 <223> similar to gi5262640 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3507

cccagcgccc	cggaagtgat	ctgtggcggc	tgctgcagag	ccgccaggag	gaggggtggat	60
ctccccagag	caaagcgtcg	gagtcctcct	cctccttctc	ctcctcctcc	tcctcctcct	120
ccagccgccc	aggctcccc	gccaccgctc	agactcctcc	ttcgaccgct	cccggcgcg	180
ggccttccag	gcgacaagga	ccgagtaccc	tccggccgga	gccacgcagc	cgcggcttcc	240
ggagccctcg	gggcggcgga	ctggctcgcg	gtgcaggtaa	agctccagat	ggctctggaa	300
cttatgagga	aagagttgga	ggacgccttg	actcaggagg	ccaacgtggg	gaaaaagact	360
gtcatttgga	aggagaaagt	ggaaatgcag	aggcagcgct	tcagattgga	gtttgagaag	420
catcgtggct	ttctggccca	ggaggagcaa	cggcagctga	ggcggctgga	ggcggaggag	480
cgagcgacgc	tgcaagagact	gcgggagagc	aagagccggc	tggtccagca	gagcaaggcc	540
ctgaaggagc	tggcggatga	gctgcaggag	aggtgccagc	gcccggccct	gggtctgctg	600
gaggggtgtga	gaggagtcct	gagcagaagt	aaggctgtca	caaggctgga	agcagagaac	660
atccccatgg	aactgaagac	agcatgctgc	atccctggga	ggagggagct	cttaagggaag	720
ttccaagtgg	atgtaaagct	ggatcccgcc	acggcgcacc	cgagtctgct	cttgaccgcc	780
gacctgcgca	gtgtgcagga	tggagaacca	tggagggatg	tccccaaaca	ccctgagcga	840
tttgacacat	ggccctgcat	cctggggttg	cagagcttct	catcaggggag	gcattactgg	900
gaggttctgg	tgggagaagg	agcagagtgg	ggtttagggg	tctgtcaaga	cacactgcca	960
agaaaggggg	aaaccacgcc	atctcctgag	aatgggggtc	gggcctgtg	gctgctgaaa	1020
gggaatgagt	acatggtcct	tgcctcccca	tcagtgcctc	ttctccaact	ggaaagtcct	1080
cgctgcattg	ggattttctt	ggactatgaa	gccggtgaaa	tttcattcta	caatgtcaca	1140
gatggatctt	atatctacac	attcaacca	ctcttctctg	gtcttcttct	gccttacttt	1200
ttcatctgtg	atgcaactcc	tcttatcttg	ccaccacga	caatagcagg	gtcaggaaat	1260
tggggcatcc	aggggatcat	ttagatcctg	cttctgatgt	aagagatgat	catctctaaa	1320
attctgttcc	caagatgcag	tcctagcgta	gcgaacgttc	ctggagtggg	gtgaaggata	1380
tcaatatact	aagttttaac	cagatacccc	atcttaggtca	gcacttgatt	cgttggttgc	1440
gtgaaatatg	tccatgggac	aaaagaggga	atatgaaata	tttgcatatg	ggaagattat	1500
agagcataat	aattttgtaa	atggagcaat	ctcaacctct	atctctagat	cacattttct	1560
tgatgtcttc	cttcaaatta	atgaccttgg	attacataag	gatttctatg	cattcattat	1620
aatttgttat	tcctttcaat	atccttgtat	ttcaaattct	ccatataaga	attagacatg	1680
gcaattctta	aattgattca	gaatggtctg	atactattcc	agtatcacct	ccttaattct	1740
gtttctcttc	gttttctctga	ttttccttct	cattctctcc	ttccccgctc	tgtctctctc	1800
tcctgtcac	tctctctctc	togttcctta	ttttttgttt	cttacctctt	actgtttaac	1860
ctgttgcttc	ctcttgatt	aatacattta	gagccattcc	tttatatggt	cacatttctt	1920
atgactttac	tcaattactt	ttaaaatcct	ttctattctg	agactaattt	ttaagaatta	1980
caaagctcat	tcttctgaat	ctaatatcac	taactcctag	actttttccg	tttcttttgg	2040
atacacttta	agtaggaatt	tatcagaatt	ttcattcaac	tcgttcttta	atgcagatat	2100
ttactagtta	taagacctta	aggctgggtg	cagtggctca	cgcctgtaat	cccagcactt	2160
tgggaggctg	aggcgggtgg	atcacaagct	caggagtcca	agaccagcct	ggccaacatg	2220
gtgaaaccct	gtctctacta	aaaaaaaa				2249

<210> 3508
 <211> 2128
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2129)...(847)
 <223> similar to gi4929567 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3508

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tgccttattt	tagggcttcc	atgtaaaacc	tagttaaagt	acaaaaagta	aattagagaa	120
aaattctgct	taggtagtga	aaattgatag	caacttataa	gctgtatcct	taaaaacctt	180
gtcacagata	tagaattacg	taaagataaa	atgataagcc	tacttattgg	caagaaacag	240
gttaggccac	ttaagcagca	tgtttctacc	actatacaaa	tacatcggca	ggtccaaaca	300
ttaaacacc	attcgattga	caacctttta	tttttcaact	taggtaacag	tccaaaatca	360
gtgtagattg	gcgaaaaact	aggcaaaaat	agcaaaaagt	gcagtttaat	ttagcaaagg	420
ctcaagacag	tatgtggaag	gaagggtgaga	tttccctcct	actgcggcaa	ggcaagcggc	480
agttactgcc	cgacagtaac	gatggtgtgc	gcacccccga	tgagaatgct	gctgcaacac	540
agactgggac	gccgcctccc	ccattagacc	tgccagctca	ttcgtgaaaa	tctaccagga	600
acacatcaat	gaaaaaaata	tgtcaaatat	gagttctctg	ttataagcaa	taaaatcaca	660
aaatcaactc	agatttgaaa	tttagggtaa	gctaggacaa	tttccactct	tttaatatat	720
agatatatta	gatttgacaa	tcgtttccac	atacactcag	acaggcctac	agaagaattt	780
caaatatcaa	atagagaagc	tgtaaattca	cgcacgttat	gacttcagtt	aattcttcca	840
gtgttttagac	ttcagagctg	ctaataacac	taaactcaat	accgtgtttg	ttgagtctgt	900
caatcaactt	tgttttgga	aaagctgctc	cagggtgtgaa	gaccccgccc	gccttaggca	960
gatgagaagc	atcacttaga	agagtcattg	ctgcctgaac	catagctatg	ggggtagcca	1020
catagccagc	ctctggtcct	ttcacctgag	tacaaatttt	gatatttggt	ttgttcttat	1080
ctgtaccagt	gccttggtcg	tatccttgac	caaagaatgt	cagcgtgaat	gaggcagcat	1140
caatctgttt	ttgtgttggg	ccttggtttg	aaaaatagcc	aaaggagaag	aaccttgggg	1200
attttatgag	aagttgcctt	ccaattccaa	acctcacaaa	gaacaaaaag	aaaagtccctg	1260
caaacatcag	cttaataaca	gaggtgatgc	ctccacagct	tacatacgca	gcatactgaa	1320
ctggtgatcc	ctctaaattt	tcatacaagt	aacgttgagt	cctccttaca	acagacacat	1380
cagatcccat	aaaaggaatg	gaataacctt	tgagttcccg	acaataagaa	attggccacc	1440
ttctcttcaa	ttttggacca	atgagcggga	cagggtttcag	atgtgatata	tttcttagtt	1500
ttctcaaatt	actctgatct	ccaaaacctt	aaattgctga	cttccaggta	ccatcatgaa	1560
tgtcacaacc	ctcaggtcct	gaatgtatag	tcaggaaact	ttccacagca	gtcaaagtac	1620
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tgcttccaat	gatataaacc	cctttgtctg	cagctttctc	atgatacttc	agttgcatta	1740
gttccagaaa	ctgaggttct	ccactgatgt	cgatacaact	ggctccattt	tcaatacatg	1800
ctttttattac	aggttctcca	taaaaccgat	atggtcctac	gcaattgagg	acaactgttg	1860
cctgttttagc	catttcatca	agcgaggctg	gattagcaat	atcacagatg	atgattccaa	1920
cttcagatga	cagtgttggt	cttcccagct	tcagggccgc	cttctccagc	acccgctgca	1980
gcttctcccg	ggagcggccc	gccacggccc	agggcaggcg	ggagctccgc	tccgggtcca	2040
cctgctcccg	ggccacctcc	tcggtcacga	actggccggg	gaagccagac	gcgccgaaca	2100
ccaccaggtg	gaaaggcctc	tgctcggt				2128

<210> 3509
 <211> 1521
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1448)...(888)
 <223> similar to gil669601 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3509

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atagcgctag	caaataataa	catttccttag	ttctctttcc	ttctactacc	cttacagtgt	180
gtagaagacc	atagctgcaa	aatgcaggct	tgataacttg	agcaactgat	acattttctct	240
gattttgttt	aattatatac	ataaaggtaa	gaggcctttt	cacagggtatt	aattaagttt	300
aaaaataacc	gccatccaac	acaaaatagt	atttcttggt	atatttcata	aacagtctaa	360
caaaacacta	acaaagttat	tttgcttatt	attctgatgc	tggaataatt	tggtcaaata	420
ttcataaata	gttatcaact	ttaccaaggc	acaaaaatca	agaatacatg	ctttctataa	480
actcatttac	tactttaaag	tttttaactg	tttagcagtt	ataggaaatt	tttttaatcg	540
aaaagaaacc	tatttacatt	tcaaatacaa	aagaaaatta	aaattattct	tgattgatct	600
ctaaaaccca	accacttaga	tgctcattat	tattattttc	tttcaccaat	ccagtatact	660
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gtcagggttaa	ctttgctgtg	tagattctgt	gtagctacct	gaattcgtcc	aagaaaaagt	780
ctcacatttt	ttggaaaacc	aatgctgcta	cactgtttcc	agatctgcct	ccaaagctga	840
acttggtgtg	tggtagctct	tcgagaagtt	caaatccttc	actgaattca	tttagcaact	900
cttccttggt	ccaattacat	gacgttatta	gaaaaaaagc	cttttacttt	caacaccctg	960
gagagagatt	tcacatatgt	cttcctcttc	tcaattgcat	tgtcaggatt	aaggcttatg	1020
gcatcaaaag	tccctttgtc	aatacaaata	tgaaatccag	acagctgtgt	ggagagattc	1080
aaaaagtctt	ctaccttta	cttaatgtta	gataaacctt	ctttttctat	aatacttcca	1140
gaaagctgaa	ttgcagaagg	agagtaatca	attccagtaa	tattagagaa	accaaatttt	1200
gcaagttcaa	ccaggaaaac	accattttcca	gttccaatat	caagcactga	agcatccagt	1260
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caatgctcgc	gggtccccag	cgcgcagcgg	acgaaaccgt	cctccccggg	actgcccttg	1440
tccgaccgcg	ccgccaccgc	agcgccaccg	ccgcgcgtcag	cgcccagact	catttcgctc	1500
cacgtcctgg	acggccggtg	g				1521

<210> 3510
 <211> 1929
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1932)...(276)
 <223> similar to gil354050 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3510					
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gtccggagg	gctgggtaaa	acacatcaca	ggtaagaaat	gggaaacct	cctcagcatt	180
tctgaaagg	acaatctatg	gaagggaaac	ctagcgtaat	aaaacctca	ctggatgtac	240
atggaaagga	gtatggtgag	ctatttcctt	tttaaaggat	gagaccttca	taaattggcc	300
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ccccattttt	gtccgtgttt	ctgccagacc	agaagagatg	tgcacagggtg	ctcacagctc	660
ggccctgac	aggtttcttt	agaagtttg	atgcagcaag	ggcacactga	gtcctcagag	720
gttcatgatt	ctcttcactg	aagcacttca	tcttttcaaa	agtgccaatg	atcaagggtga	780
tggcagctag	ctgtgctttg	gaatcgctga	tttcatcttc	atacagagaa	aatgcctggg	840
acatgaattc	atatgcgact	gtctcatgat	tttcaaaaac	aatttcccca	gcagctagt	900
ctccttgaag	aaaaagtctt	aagggcaatt	ctgccagctc	tgctttgtatc	aaagcactga	960
tagtctgggtg	ggcaaatgaa	aaaatcttct	ggcatttctt	ttcccatttg	tcattccactt	1020
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tcaacgtgga	taccaaaattc	attatggaat	ccacctgggtc	ttgagagaca	atttctgtgt	1320
tataatccag	aacattacta	agcacataac	aactcatgct	ctttctggac	tcgtagtcaa	1380
agtactcaaa	gagtgggtga	aaatgtttta	atttcaagac	tgttaaaata	ttgttgtaa	1440
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atatatcaaa	aagtttaata	tccgtctggga	ttccaggtcc	atcttcacgg	tgagcaaata	1740
aagctaattc	atcaattaaa	gcaatgatta	tgttcttcac	atttaccatt	tggtgtaact	1800
cagcacaggc	ccgaagaaaa	ggattcaaag	tctggagggtg	aaattcatca	gggaaaacct	1860
gaataataca	ctccatgaga	tattcttgag	caaagcatc	cctacagttt	acaacttgct	1920
ccaatatgc						1929

<210> 3511

<211> 858

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (859) \dots (104)$$

<223> similar to gil654000 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3511
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tggtgggtgc tcttggggaa aggctgcggg cccagccaga gctgcagcag gatgacggca     180
tgccatatgt gcagggcagc agagctgcag gatgtggaag ggtatgtgtt ccaggagagc     240
tcgatgagcc ccagcaccaa caacctgagc aggtgtgtga gccagcgtgc aggcattggcc     300
cacaggaggt agggcagtg gtggaataac cagacgtaga actggtagtg gagggagcgg     360
ctgaagcaga tgccaatgaa gttggaggtg aagagggtag aaacgatctg gttgggtgta     420
aggggctggg gtggaacctt ccttttggag ggatccctca gcagcgacaa gatactttcc     480
cctgtcctgt gccacctgca gagggcaaac agcaggagca gggtagagtg ggcagtcaac     540
agggccaggt ggaaggctcg atgcaggaag agcgcctctg ggaggaagcg ccagttcact     600
gtccagtggg acagaaactg gcggccaagg tcaaaggagc gggacaggta gccgctgggg     660
ttctccagca ggaaggcag cccagcacc acctgaaggc cagcacagat tcccagcttg     720
gggagggccc cacggaagcc aaactgtgtg aggagaagaa acagtaacct aggggcgaag     780
agcagcacat tcattctcac agagactgcc aggctgaaaa agcagcaagc cccagcccca     840
gcgctgggcc agcaggag

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<210> 3512
<211> 2613
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2167)
<223> similar to gi4768829 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3512
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gcaacatgga gctaattgtc atattcaaga tgcagttttt ttcactccat tgcattttgc     180
agcgtactat ggacatgaac aggtaactcg ccttcttttg aaatttggtg ctgatgtaaa     240
tgtaagtggg gaagttggag atagacccct ccacctagca tctgcaaaaag gattcttgaa     300
tattgcaaaa ctcttgatgg aagaaggcag caaagcagat gtgaatgctc aagataatga     360
agaccatgtc ccactccatt tctgttctcg atttggacac catgatatag ttaagtatct     420
gctgcaaagt gatttgggaag ttcaacctca tgttggtaat atctatggag atacccctt     480
acacctggca tgctacaatg gcaaatttga agttgccaag gaaatcatcc aaatatcagg     540
aacagaaagt ctgactaagg aaaacatctt cagtgaacaa gcttttcata gtgcttgtac     600
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ccaccaagga agggatgggc acactggatt acactctgct tgctaccacg gtcacattcg     720
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<210> 3513
<211> 5264
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5265)...(155)
<223> similar to gi3015538 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3513
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gctgtacctt ggccacctcc cggcacgggtg ctgactgtg acgcaaaaat aagttagggc 180
cggccggggc ggccggggcg gggacggggg ctgtacacac aagtgtctgg ggctcggggc 240
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```

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<210> 3514
<211> 3376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2332)
<223> similar to gi3043740 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3514						
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<210> 3515

<211> 1824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(1309)

<223> similar to gi414115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3515

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cacagaccga gaagaagcca ctcggctctt ggctgagaag cggcgccagg cccgggagca 540
gcgggagcgc gaggagcagg agcggaggct gcaggcagaa agggacaagc gaatgcgaga 600
ggagcagctg gcacgggagg ccgaggcccg ggcggagcgg gaggcggagg cccggaggcg 660
ggaggagcag gaggcacgag agaaggcgca ggcggagcag gaggagcagg agcggctgca 720
gaagcagaaa gaggaggccg aagctcgggtc gcgggaagag gcggagcggc agcgtctgga 780
gcgggaaaaa gacttccagc agcaggagca agagcggcaa gagcgagaa agcgtctgga 840
ggagatcatg aaggaggactc ggaagtcaga agtttctgaa accaagaagc aggacagcaa 900
ggaggccaac gccaacggtt ccagcccaga gcctgtgaaa gctgtggagg ctcggtcccc 960
agggtctgag aaggaggctg tgcagaaaga ggagcccatc ccacaggagc ctcaagtggag 1020
tctccaagc aaggagttag cagcgtccct ggtgaatggc ctgcagcctc tcccagcaca 1080
ccaggagaat ggcttctcca ccaacggacc ctctggggac aagagtctga gccgaacacc 1140
agagacactc ctgccccttg cagaggcaga agccttcctc aagaaagctg tggtagcagtc 1200
cccgcaggtc acagaagtcc tttaagaggg tttgccttgg atccgggcac agttgtgagg 1260
gtcctctctg atcacctacc aggatgtctg gaggagaaaa agacagaaca aagatggaag 1320
tggcctgggc ccctgggggt gggtcctctc tgttgttttt aatctgcacc ttatagactg 1380
atgtctcttt ggccggagcc agatctgccc ctcaagtcat tcgtgtgctc gcacgcgcag 1440
acatcccttc tccccatac acacatatac actcacagcc tctctggcct cttcccttgg 1500
ggaggggcca cctgtagtat ttgccttgat ttggtggggg acagtggatg tgaatactgt 1560
aaatagcttg tgctcagact cctctgcgtg gagagggtgg gtgcaggagg cagaccctcc 1620
ccccaaagcc ccctggggag atcttcctct ctctatttaa ctgtaactga gggggatccc 1680
aggtctgggg atgggggaca ccttggggca caggatactg gttgcttcag gggtagccat 1740
gccccctgcc ctgcctgga atcagtgta ctgcatctga ttaaattgtc ccagaaataa 1800
agaataattc tgccaaaaaa aaaa 1824
```

<210> 3516
<211> 1992
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1993)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1995)...(154)
<223> similar to gi2988397 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3516
tttttttttt ttgtggtgga tgagcactgg ggactttatt acacggaacg gcactcgtga 60

caacggaagg	ggtgggcaga	aatgcaggcc	ggaacattcc	accagtccag	ggacggttgg	120
tcattcagaa	agtatgtatt	tccagaacac	tcagtagtaa	ggccgtctgg	gattgttcag	180
ggggttgggc	cggaagcgg	aggccagcat	catcctcttg	cggaacgcc	ttatacttct	240
ctgtcctcct	tgaagagctc	cgccggccgg	tcaatgccga	agccaagcgc	cgtccactgt	300
ggtggtgccc	ttgttcaactg	ggttctttgat	ggccctggcc	ctctgagccc	agccccctcg	360
cctccttcca	gccccatctt	atcagcatgt	ggtagccgat	gttctccaca	gtcagcttga	420
actccttgta	ctctgagtag	tcaggctcac	ggccctcctt	caggggcctt	gaaggtctcc	480
ataaactttt	ccagctcgtc	tggaggcagg	aagtctccga	tgaagtgtct	gccccggccc	540
atctttgtca	gctgctcggc	ccattccctg	gtcttatccn	aacttcccat	gcgcccgcaa	600
gctggtgctc	cccagtggcc	agactcgttg	ccacctccct	atcactgtga	tagcccgccct	660
tgtgtgtgtg	gactgccttc	tcccacagca	gctgcatgtc	ctgcatggcc	cgcttgtgct	720
gcatgatcat	gtcgtacatc	tgctgcatct	cctgctgtct	cttcagctgc	ttcttctggg	780
cgtctgaaaag	ctctgtgacg	cccactagac	ccacaggctt	ccccttctca	tagccgagcc	840
ccttgagggtc	ctgaactgac	agaggcgagg	gagaggcatc	cacgtccctc	tgcaccagtt	900
cagcagggtgg	gagctctacc	ttaatcctct	tcaggccccc	accggctctt	ccgcttcctc	960
ttcacggtgg	ctgcggaggc	tggcttcccc	ggggcagctg	gagcagggat	gatagtgggc	1020
gcaggcggtg	acgaggcggg	gcagggtggtg	gctgggggta	aggaccctga	cagggcctca	1080
ggaggggact	tgcgcttcag	gccgggatca	ggtgctgtga	aagctgcctg	tggagctggc	1140
cttggctttc	cggaactcct	ccagcttctg	tcggtagtag	ttgtaccctt	ggctattggg	1200
ctcatacaga	aagctgaatg	ccctggttct	cacggttggt	ctggagggca	atggtttcca	1260
cctcggaacc	cccgtccgct	atgaacctgg	ccaacttttc	tgcaagggtc	ttgacctctt	1320
cgctcctctgg	gggtgaaaact	ttctgagagg	ctgcctgcga	cttctgtgct	tcctttctta	1380
tctcagccac	cttcttctctg	tagtagagga	attccctgct	attcttatcg	tgcaaaaatg	1440
caaagtctgg	gttatccttg	tagtcctcca	tagctacttt	ttctaactcg	gggcctcctt	1500
ctgccacaaa	gcgggccaat	ttctctatca	ctttccgagt	ctcggctccc	tctgggggtg	1560
aaactttgat	ctccagccac	tgtcatag	cctcctcctc	gtcctcgta	ggggactgga	1620
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ccggcaggct	ggccagcccc	aggcctgtcc	gcctgctgat	gagcagggac	ctcttcccag	1740
cgttcagaaa	ctgctgcaag	aagctaccat	cgttggcaaa	cttgttggaa	atgcaggaag	1800
agttgtgtgc	atttgtgatt	tcgccaggat	gtgggggctg	agggctggcc	acctgattct	1860
gcttggcttt	ctgttccatt	ttggcttcaa	tttcccgttt	cttctgagcg	atgagctctt	1920
cctggtgaag	gatgttcatg	ttcatttttc	cagatttagg	gggagcaacc	ccaaaccacc	1980
ggttagcctt	tc					1992

<210> 3517

<211> 1960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1962)...(1307)

<223> similar to gil510143 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3517

ttttgacttt	gcaggatgtg	ctttattttta	agtcagccct	gaacccaaac	tacacaggat	60
caatttttga	catattctag	tccattcaat	gattcttctc	agaaactgta	tcttaatatg	120
gaatgaaaac	tacatttcaa	tcataaattt	ttcatgctac	attgttattt	aatgaagagg	180
ttgtattacc	aataataata	atttaagaaa	aggccatttt	tatttcccca	agctcaatat	240

acataatttct	ttcataattta	tgaacttaaa	aaaacccgctc	tcagatgtaa	aaatgtgaat	300
tggaatatgt	aaactctttg	atatacctga	aaaacaggaa	ggaaaatgtc	acatactggg	360
aaaacccctt	ccctttaatc	atggaaatgg	gaaaaagccc	gtttaaggaa	aggggaaggcc	420
aaaaaacctg	tctgacctc	agttttttaa	aaggttccaa	gttttttttg	gccccctggg	480
gtggctcttt	tacttttttg	ccccagttt	gtttgccag	gagaccccag	ccctccagaa	540
tggtttccct	ccttgaaagt	ggtccctgg	gggcccaaac	caaaccgggg	gtccccccct	600
ttgttttgct	cccttttttt	ttttttcctg	agaagtcact	ggtgtttaat	ggaaagggtat	660
cctattagtc	cttggttaaag	ataaggcagt	aagagtatca	ctaatactat	gtttttgctt	720
agaatgaggc	tgatcccttc	cactggcgctc	ttcacgggca	attagttccc	tctcttttgc	780
tctagaaac	acaggtagga	gctgtctgcc	ccctattgct	gttgcatttt	cctgagtggtg	840
ttgaaggctc	atctagtctc	atcacaagca	gcttccccag	tggggatggg	agcgtctgat	900
attgcattgt	agcatctctc	caaggaaagt	gcacggggcc	ccaacagggg	aaaacaccag	960
gcatctttct	ttctgactcc	tctctgtttt	ctcttagggg	acggggccca	taaatgattc	1020
cttcacatga	tcaatcagaa	tgcgagacac	tgttgactaa	aacataaagc	aagtagccct	1080
gatttcagag	aaatggagtt	acaaataaca	ttttcaacag	tgccttaact	tgcaaggtag	1140
cttttactgc	agaaggatat	cagctccttt	tgtctacct	tcagaagaga	aacaaaccat	1200
ttccgtcgaa	ctagaaatgc	ttagctctta	tgagaatatt	gtgcttttaa	aaaaaattca	1260
aatgttaaca	ttatttgcag	tctgtgttct	aaggtttcaa	tttgtttttt	ctctagtcca	1320
tttgatcatt	gtctctgggtg	agcgatatag	gaatattaat	ttggcataga	gatcttcttc	1380
tagctccagt	tctcctgtct	ctcgaactaa	aaaaatatct	gtgcacaact	tcaaaattcg	1440
atcccacatt	tggaagctcc	ttcaaacatg	atggagtgag	aatcccact	gaagaattca	1500
cggacaaatt	tcccaatcac	aaggacaact	gaagcatata	atcccataat	accatagcca	1560
gcccaggaac	cccagacttg	ggggactgac	tttgtcattg	aagaccacca	gttccagggc	1620
ctgagagttc	ggattgtata	ttctgtttcc	agtcaggttg	agaaccacc	actcactggt	1680
atatttagtt	gtattgtctc	tggacaaaa	gatggttaata	tccatgaaat	tatttttcaga	1740
taaaagttgc	tttataggtt	ttgagttaga	atcataaggt	gctttcacat	aatatggata	1800
aatcttttct	atggtcactg	gtgtttttga	actttctgtg	ctgttgccctg	ctatcatttt	1860
agcgatattc	tttcgagtaa	tattttttaag	aggaaaagaa	agcttatctg	ttgctatttc	1920
cgattttgca	cccagactta	agtttctctg	aataactccat			1960

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<210> 3518
<211> 1031
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (940)...(426)
<223> similar to gi2228750 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3518						
tttttttttt	ttacagataa	aaacacttta	tttaaaagta	taaaaccagg	cttactcctt		60
caaactgctc	ccacccttaa	ttatctccac	aaagagctat	ataaattggg	caggggtatg		120
tgtacagtca	tctcagctct	aacaacccca	gttcttcttt	caattctcct	ttctcccttc		180
atacaattga	gatgtttgtc	ctttgcactt	tccccaagat	agcaaagggtg	atacaaatgt		240
ggaaggaggg	gaagtgtaga	aaataaaactg	tcatcatcct	ctattcccat	ctccagggaa		300
cagacagatt	atatgaactc	tgaccaaattg	atttgcttgt	ctgaagaaac	aaataatagg		360
tacagttact	ctctgtatcc	taaagaaaga	cacgagggtc	cagagtcctt	cttcagtata		420
tagcctcgtc	catattgtca	tcactgtcac	caccaaagtc	ctctccattg	tcaaaatatg		480

acatgatgta	atcagtttcc	tcttcatggt	cttcttcac	atactcttct	tcttctctct	540
cttctctctc	ttcttcttct	tcttctctct	catctctctc	tgaagttact	tcttcttctc	600
tcttctccag	ggtctctagt	ttctgtattg	tttctctctt	atcttctgtg	gtcttagggg	660
gcctcttggg	gagcagaatt	gtaatccgtt	ccttctgtag	cttccgcact	cggatcttta	720
gctcccgggg	tagacgccgc	caatcagggg	tccaatcgat	ggcattgtca	atcggacctg	780
acatctgata	tttgtctgaa	taacgctcca	catctctctt	ggggacagct	ggccggatga	840
agtaggggag	ctgcctcatg	gctcctcgta	gctcttgctt	cagtgccagg	acatattccc	900
cttctctgcc	tgagggcaaa	ggtactgggc	gcaactccaa	gggctgctgc	ccctccccaa	960
agcggagccc	aagccgcgac	caacttgaaa	tgtactgggc	ttcctcaagt	cgacacggca	1020
ccacactgga	c					1031

<210> 3519
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (731)...(55)
 <223> similar to gi673456 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3519					
tttttttcac	caaacaaaac	aagattttta	atgtgataat	ggattgccta	tttcacatgt	60
taaattgctc	tatgcaggga	gatttcacaa	tccaggatcc	atagccatgt	tgttgtaagt	120
aggatttcaa	cttacattta	gcttcttgat	aggaggcaga	catacactta	gctgcatgat	180
atgtaccagc	ttcaagtaat	tcttttttag	cttctttggc	aagcaggtta	aaccgactta	240
acatttgcag	ccttacaaaag	ccgaacttgc	attgacatac	cactttttaa	tggggaactt	300
tcaagtgate	ttcccaactca	ggccatccac	aatctccaaa	gaaacatctc	cttgggtgcc	360
aattcagact	cagaaattta	tattccaagt	tcatttgaag	gggatatgca	gaggggtacta	420
aactaatatg	aggtctgttg	actaagtaaa	acatttgaag	ttttgaagtg	agtgcacatc	480
caacacgttg	ctttatagcg	atctctaagc	ctctggtatc	actgcaattc	ccatcaccaa	540
taagtatact	gctgatgtaa	actggctgta	taaaatgact	cagcaatgct	ccctgtacac	600
caagcacttc	ccatctggtc	aatttgtcac	ttgaggacat	actgcttatt	ctattaacac	660
catcttttag	acagtaaaca	gtcagataaa	ttttgccttc	aacagccacg	tggagacaga	720
gttcttcatt	cggacgcgtg	ggcggacgcg	tggg			754

<210> 3520
 <211> 1815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(1815)
 <223> similar to gi4529897 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3520
acctccaggc tgcaaaactg gcccttctag cctccatcca ggccttcagc cttctgcgaa 60
gccgcctggg agacagggat ttctccaggc tgctggacat caccctcagc tccagcctga 120
gctttgtcct ggacaccacg ggcagcatgg gtgaggagat caacgctgcc aaaatccagg 180
ctcgccacct tgtggagcag cggagaggca gcccctatga gcctgtccac tatgtcctgg 240
tgctttttca tgaccacaggg ttcgggccctg tctttacaac cagtgaacct gacagcttct 300
ggcaacagct taatgagatc catgccttgg ggggtggaga cgagcctgag atgtgcctgt 360
cagccctgca gctggccctg ctgcacacac ctccactctc agatatcttt gtcttcacgg 420
atgcctcccc caaggatgcc tttctacca accaggtgga atccctgact caggagcggc 480
gctgccgggt aacattcctg gtgactgaag atacatcaag gggttcagggt cgagctcggc 540
gtgagatctt gtccctctg cggtttgagc catacaaagc agtggccctg gcctcaggag 600
gagaggtgat cttcaccaaa gaccagcaca ttcgagacgt ggcagccatt gttggggaga 660
gcatggctgc cctggtgact cttccctgg accctcctgt tgtggtgcct gggcagccac 720
ttgtgttcag cgtggatggg ctgctccaga agatcacagt ccggatccac ggagacatca 780
gcagcttctg gatcaagaac cctgcagggg tctcccaggg ccaggagaag cgggggtcct 840
ctagtccacac tcgccgcttt gggcagttct ggatggtgac catggatgac cctccacaga 900
caggaacctg ggagatccag gtcacagctg aggacacccc tggggtgaga gtgcaagccc 960
agacctccct ggacttcctc ttccactttg ggatcccat ggaggatgga cccaccctg 1020
gcctctaccc cctgactcag ccagttgcag gtcttcagac ccagctgctg gtagaagtga 1080
cagggttggg ttccagagcc aatcctgggg atcctcagcc gcatttctcc cacgtcatcc 1140
ttcgaggggt cccagagggg gccgaactag gccaggtgcc cttggagccc gtgggacctc 1200
cggagcgagg tctcctcgca gcctcgctgt cgccacgct gctgtccacc cctagaccct 1260
tctccctgga gctgattggc caggacgcag cggggcggcg cctgcacagg gctgccctc 1320
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cgggcagcaa agtcccgcct agtctccgca tcgccagctt ctcgggccct caggatcttg 1440
accttaggac tttcgtcaac ccagcttct cctcacctc caacctctcc agggctcacc 1500
tggaactgaa tgagtgcggc tggggccgccc tgtggctgga ggtcccagat tcagcggccc 1560
cggattccgt ggtgatggtg actgtgactg caggggggacg agaagccaac ccagtacccc 1620
cgactcatgc tttcctccgg ctccctggtat cggccccagc cccgcaggac cggcacacca 1680
cccctaccgg ctcatctgac ccgatactca ccacggccac ccctgccttt tcccccttca 1740
cattggtgac tcaaggcagg gctggggcag ggctggctgc gggcagcccc tgggtggggca 1800
cagttggagg ggtgc 1815

<210> 3521

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1737)...(855)

<223> similar to gi3387971 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3521

```

tttttttttt tttatatata aaactgcttt attaaaaagt cagctattag gaaaacaaag      60
cccttacaag ggttctatca aaaagtacaa attttaaata aatgcatcag aaaaatggca     120
gccagatata ccagccacag tcacaacctc aaaggccttg tggggaagga agggagaatt     180
agggaggagg ttccgagaac tcaaggaaga ggctgggcac agagggctct tgggtgcctg     240
cagagctggg tcctggagct accaggcaag aaccctgctt ccgttttctt ttccttgga     300
aaatgtaaag aactggcagg tgtaggaaat tttgagactg gagcagaaag gcacaaaagt     360
catttataag gtatgattgc tcaacttagt cctgaggcac atgggggtgga taaatggggg     420
atcagagcca cagggtccct ggctctggtc atgcttgccc ctgggtggta ccatctctga     480
gtttggccac aggttaaatt aaggtagacc aagtggactg cataatcctg gcagcccggg     540
gtctggagcc agtctttaga tcagatgtgt tgcttcattg gcaactgggt gtctgcccc     600
caagagatcc ccccaatgag gagcagcagg tctcctgcct agccctgtcc tctgagtcac     660
tgtgggtgcc caccctggac aaggaaacttc tgagggcagt ctctgccatc caggatcctg     720
agaagcccca agccccagag ccagagtctg tccgaatgac aggcagaagc acagaaaagt     780
ggcgttgaaa ccagtccccca ccagctgctg gccccacacc catggctact gctgacacgc     840
ctccttggtg acattaggca gtgggtaggc aaagaggagg aagtccagga tatacttagg     900
cagcacatcc tgcagcaggg cccggggggc actgcacaag tggtaatgca ggctttcggg     960
gctggctggc cggtagcagg cctggcgagc tggaaatcgg acgtgagggt gtgcccgtac    1020
ccactccagc acctgatttg catcagcctc cagcctctca taggagccca caaagtcata    1080
gtgcacggca caaggctggc acagggtggt caccgggcac caatgctcat tcatgcgctc    1140
agggctctca tccaccaggt atctcaggaa ctcggggaat gtgacatcgt cgctgcagg     1200
gctgggcccc gctccagccc tgtaccgcct cactatctca gcccacatagc gttgctggta    1260
ctctcggatc tcgccaaact tgttgcggtg ggcagagagg aggcgttcca agggctcccg     1320
cacaaacagg aacttaaagt agtgctgcag gcggtagcga atctcctcag gccgcaggtc     1380
ggccaggaac accaggtcac tgcggtggtc catcttgagg cggacgtcca cgctgtccag     1440
gacgcctgcc agcaccttca tcaaccgctt ccagttagag caggccacct tggggacgta     1500
gcagtagagg aagcggtaac ggtcacttac gaggatgtgg cgcagcaggg tgcgccgctg     1560
ccccaccggc aagtcccagg ggtcccgggg catgcctggc tgtccgcaca ccgcccgag     1620
ggtcctgttc cggacgtcct gccgcacttg caagtccgcg tccccagccc tgagggacag     1680
gccccaggc ttgggggctt tcccgcgcca ggctgtgccc tcgcggccgg gcgggtgcag     1740
gggcaggggc ttcttctcgg ccaggatgcc ccgctcgatt atgagcagca gcccgctgga     1800
ggccacgata t                                     1811

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<210> 3522
<211> 1522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(1377)
<223> similar to gi4580995 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3522
ccacacgcgt ccgccacgc gccgataga tgtacatcgc gagcggggcga cttttctgtc      60
cctcgttcgg ctgtccgcgc tcctcgccca gccctactg cgcgcccgtc ctctacgcgg     120
gcctgctgct actcggcctg gccgccagct ccgtgctggg caacctcacc tccttcgggtg     180
ccgaccaggt gatggatctc gcccgcgacg ccaccgcggc cttcttcaac tggttttact     240
ggagcatcaa cctgggtgct gtgctgtcgc tgctgggtgg ggcgtttatt cagcagaaca     300
tcagcttctt gctgggttac agcatccctg tgggtctgtg ggcctggca tttttcatct     360

```

tctcttttgc	caccccgctc	ttcatcacca	agcccccgat	gggcagccaa	gtgtcctcta	420
tgcttaagct	cgctctccaa	aactgctgcc	cccagctgtg	gcaacgacac	tcggccagag	480
accgtcaatg	tgcccgctg	ctggccgacg	agagggtctcc	ccagccaggg	gcttccccgc	540
aagaggacat	cgccaacttc	cagggtgctgg	tgaagatctt	gcccgtcatg	gtgaccttgg	600
tgccctactg	gatggtctac	ttccagatgc	agtccacctt	tgtcctgcag	ggtcttcacc	660
tccacatccc	aaacattttc	ccagccaacc	cggccaacat	ctctgtggcc	ctgagagccc	720
agggcagcag	ctacacgatc	ccggaagcct	ggctcctcct	ggccaatgtt	gtggtggtgc	780
tgattctggt	ccctctgaag	gaccgcttga	tgcacctttt	actgctgcgg	tgcaagctgc	840
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<210> 3523
<211> 961
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(434)
<223> similar to gi5726306 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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g							961

<210> 3524
 <211> 1944
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(732)
 <223> similar to gil644455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 aactgtggaa ctcaaaagtt tgat 1944

<210> 3525
 <211> 3671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3638)
 <223> similar to gi3928000 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3525

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<210> 3526

<211> 1306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1298)...(158)

<223> similar to gi311626 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3526

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<210> 3527

<211> 5940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5824)

<223> similar to gi4808815 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3527

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<210> 3528
<211> 499
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (190)...(313)
<223> similar to gil335864 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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499

```

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<210> 3529
<211> 4655
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (3)...(4574)
<223> similar to gi2224667 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<211> 4455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> similar to gi505100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gtaaaaaaaa	aaaaaatata	tatctatata	taatatgtgt	gtgtgtgtga	catatgcaca	4200

cgtctctgtg	tatgtgaagt	aggggaggcc	ctgggggatg	acctcccagc	ctttatgaat	4260
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cagtgtctgta	ccaagtagaa	gacggttcct	aaggacagag	tttgtctgtt	ttctaacaaa	4380
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<210> 3531
 <211> 2004
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(988)
 <223> similar to gi3127193 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ttgttcatct	cttgccaaag	tttgacccac	tggttattct	aaagacactc	tccagttatc	180
caatcaagag	tatgatgggt	gccccatttg	tttaccggat	gttgctacag	caggatcttt	240
ccagttacaa	gttcccccat	ctacagaact	gcctcgctgg	aggggagtcc	cttcttccag	300
aaactctgga	gaactggagg	gcccagacag	gactggacat	ccgagaattc	tatggccaga	360
cagaaacggg	attaacttgc	atggtttcca	agacaatgaa	aatcaaacca	ggatacatgg	420
gaacggctgc	ttcctgttat	gatgtacaga	tcatagatga	taagggcaac	gtcctgcccc	480
ccggcacaga	aggagacatt	ggcatcaggg	tcaaaccat	caggcctata	ggcatcttct	540
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ttggagaccg	gggaatcaaa	gatgaagatg	ggtatttcca	gtttatggga	cgggcagatg	660
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agcaccctgc	tgtggttgag	acggctgtga	tcagcagccc	agaccccgtc	cgaggagagg	780
tgggtgaagg	atttgtgata	ctggccttgc	agttcctatc	ccatgaccca	gaacagctca	840
ccaaggagct	gcagcagcat	gtgaagtcag	tgacagcccc	atacaagtac	ccaagaaaga	900
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cgagacaagg	agtggaaagt	gtccggaaaa	gccccgtgcg	cagtgagaca	tctaagagac	1020
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aaactgcaag	ggaaagcaat	tgaaaaagaa	ataaagtagg	gaaagaagga	gagaggaagc	1320
aagggaaggga	ggaagaaagg	aaagaggaga	tgaaaggggg	agaaaagata	gaagaaaaat	1380
aattgaaggga	agaatcagaa	aaataaagag	agaaagggaa	agaaataaag	agagaaagag	1440
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gagagaaaaa	aattgtaaaa	ataaaaaatg	taaaagaaac	tgataaagaa	aagtaatgga	1560
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cctgtgtgtg	gcatctacag	accttagatc	atagctgtga	gaacaacgta	agcactgcca	1920

aagttatcag ctacccatat ctcatgtttt tgatgttatc tactcttcct agaatcaaat 1980
 attaaaaataa ttttaaaaaa aaaa 2004

<210> 3532
 <211> 4490
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (4493)...(772)
 <223> similar to gi4240307 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0948873E 013100

<400> 3532

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ggccgtgcag	ccctccccgc	ggcgccctaa	atagattctt	cactatactc	tgtatgttac	180
agtatgtaca	agacccctcc	cctcggggga	cggggcggac	tccgcaacgc	gttcctatgt	240
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agacgcgtcg	aacaaataaa	taaggcaagt	caggaggggg	ccgagtcggg	tgcaggcagg	480
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cggcggtagg	agcggtagtg	ctgctggatg	agcacagccg	ctcggcggct	ctgctgaaat	1020
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<210> 3533

<211> 2333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2304)...(712)

<223> similar to gil694688 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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aatgtatggg ctattttgcct gattgggtggc ctggactcag caagagattc ctttgcagca    180
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ggttgggaca agatacagac tttgttgcat ttagctatga cccttctctc ccctctgtgg    420
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tccaagatga ctctgctcgg tgtgatctcg agataagatc tctctggctt gttgatgagg   1260
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gcctctcggg tgttgttgag gatcttgagg gtgtgcgtct ccccgaccgt gggcttgctc   2280
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```

```

<210> 3534
<211> 2313
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2311)...(1475)
<223> similar to gi4589652 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cttctcctta aagaagtctg tgtctaattc ctacgcgtgg ccgttgtcag agtatagctc 180
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ccactttatg tcaacaccca aaacctcggg gttgcaagga atgaagtgtc caaaacacca 1140
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<210> 3535
<211> 1319
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (251)...(734)

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<223> similar to gi540535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3535

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<210> 3536

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2290)...(1254)

<223> similar to gi3403236 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3536

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gaatcaaata caccacttta aaatcagagc caacatttta aatttaggag gatgatgcat 240
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taattaggat tatcatcatt tcaaactatt aaaaataagg ttgccacctt accttttctt 420
ttggtaatgg ggtgttattt tttttaagag aaaaaaccaa acattttgcc cagactctag 480

```

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<210> 3537

<211> 5048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5049)...(1236)

<223> similar to gi3947690 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3537

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```

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gccgacat 5048

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<210> 3538
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(423)
<223> similar to gi2302524 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aaaaaa 606

```

<210> 3539
 <211> 559
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (465)...(294)
 <223> similar to gil247386 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 tgccagggcg cgtgtctgca tggccacca cagctgaaaa caggcgtggg cgatctgaag 240
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 ggagatccag ccacccagaa cagtccttt ctgaagacaa gccagcaaca aggcacctgc 420
 aggcagttct ggggactggg gagggggcgc tggctgcctc aggtgtcccc tccaagggc 480
 tgaggccccc cgagtatgga tccgagctcc ctgggtctttg gtgctttctt gaaatcctcc 540
 tggtaggtggc agaaccacg 559

<210> 3540
 <211> 986
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(987)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (1)...(662)
 <223> similar to gi2959884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 aagagagtct atttaagtga ttctgataac aattcattgg agactggtga aatttctaaaa 180
 gccagagctg gaaataaccg aaaagtctta aggaagtgtg ctgctgtggc tgccaataaa 240
 ataaagctaa tgagtgatgt agaagagaat tctagctctg aaagtgtctg ttctgggtcgg 300
 aagctgcctc accgcaatgc ttctgctgta gctagaaaaa agttattaca taattctgaa 360

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tcccatactc	cagcaccttc	aaagacaaaa	tttcttaaaa	tagagtcttc	tgaggaagac	600
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aatggaaat	gaacccaatt	tcnggaaatc	tgacctgtga	ccctattgct	atgtcccagt	900
gttcctcaga	tcatggatgt	gaacctgatt	tggattcggn	tgatgccaaa	ctggaaaacc	960
caacaatttt	tttgaagatt	ctgctt				986

<210> 3541
 <211> 792
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (784)...(656)
 <223> similar to gi2565069 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3542
 <211> 4490
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (4493)...(772)

<223> similar to gi4240307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3542

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ggccgtgcag	ccctccccgc	ggcgccttaa	atagattctt	cactatactc	tgtatgttac	180
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acaccacctc	cccttcggcc	ctgaggtcag	tggccagagt	cgggtgatgg	ggtaagacag	300
ggccagagag	ggaggaaaaca	gacgcaaaca	tgcggagtcg	ggtggggaca	cggtcagccc	360
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agacgcgtcg	aacaaataaa	taaggcaagt	caggaggggg	ccgagtcggg	tgcaggcagg	480
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09450725 "01:13:100

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ggcacaagac	agccactcat	catgcttctc	aaaggtgatc	aggtaggatg	caatctcctc	4260
atttgatttc	caccgtagcc	tctctggagg	cagcagcggg	cagcgaggaa	gacactccag	4320
cagcttcttg	gggagaaaga	tcttcagggtg	gtggctgttt	tcagcaacct	cgggtggtgc	4380
cttggtattc	atggtgaggg	ctccaggggg	caaggtcacc	cccggcctga	ggggccgggg	4440
ggaggggggag	tctgtgctcc	cggggtcccg	cgggtgacgg	cggcagcggc		4490

<210> 3543

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (67)...(318)

<223> similar to gi4929597 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3543

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gtgtcatcag	gatcatgctt	tgccctggag	taacctgaat	catctaaaaa	acacggtctc	180
aacctggcca	ccgtgggtga	ggcctgacca	ccttgggaca	cctgcaagac	gactccaacc	240
caacaacaac	cagatgtgct	ccagcccagc	cgggcttcag	ttccatattt	gccatgtgtc	300
tgtccagatg	tggggttgag	cgggggtggg	gctgcacca	gtggattggg	tcacccggca	360
gacctaggga	aggtgaggcg	aggtggggag	ttggcagaat	ccccatacct	cgcagatttg	420
ctgagtctgt	cttgtgcaga	gggccagaga	atggcttatg	ggggcccagg	ttggatgggg	480
aaaggcta	ggggtcagac	cccacccgt	ctacccctcc	agtcagccca	gcgcccattc	540
tgcagctcag	ctgggagcat	cattctcctg	ctttgtacat	aggggtgtgt	cccctggcac	600
gtggccacca	tcatgtctag	gcctatgcta	ggaggcaaat	ggccaggctc	tgctgtgtt	660

tttctcaaca	ctacttttct	gatatgaggg	cagcacctgc	ctctgaatgg	gaaatcatgc	720
aactactcag	aatgtgtcct	cctcatctaa	tgctcatctg	tttaatgggtg	atgcctcgcg	780
tacaggatct	gggtacctgt	gcaattttga	aaacccattg	gtt		823

<210> 3544
 <211> 1533
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1534)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(1089)
 <223> similar to gi3287501 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3544						
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ggtagtccca	ggcgctccga	aggacacca	gacccacctt	ctgaatctcg	aagctgcagt	180
caaggccccc	ccagtccagc	cagccctgac	cccaaggcct	gcaactggaa	aaagtacaag	240
tacatcggtc	taaactctca	ggcctcccaa	gcagggagcc	tggtcgggga	gagaagttct	300
ggtcaacctt	gcccccaagc	caggctcccc	agtggagacg	aggcctccag	cagcagcagc	360
agcagcagca	gcagcagcag	tgaagaagga	cccatctctg	gtccccagag	caggctctct	420
ccaactgctg	ccactgtgca	gttcaatgtg	gggctccagc	cagtaccccc	tacctcctca	480
catcccaggc	tcaagacacc	tctggatcac	cctctgaacg	ggctcgacca	ctaccgggaa	540
gtgaattttt	cagctgccag	aactgtgagg	ctgtggcagg	gtgctcatcg	gggctggact	600
ccttggttcc	tggggacgaa	gacaaacctt	ataagtgtca	gctgtgccgg	tcttcgttcc	660
gctacaaggg	caaccttgcc	agtcaccgta	cagtgcacac	aggggaaaag	ccttaccact	720
gctcaatctg	cggagcccgt	tttaaccggc	cagcaaacct	gaaaacgcac	agccgcatcc	780
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atctgcgggc	gcacgtgctg	atccacaccg	gggagaagcc	ctacccttgc	cctacctgcg	900
gaaccgcctt	ccgccacctg	cagaccctca	agagccacgt	tcgcatccac	accggagaga	960
agccttacca	ctgcgacccc	tgtggcctgc	atttccggca	caagagtcaa	ctgcggctgc	1020
atctgcgcca	gaaacacgga	gctgctacca	acaccaaagt	gcactaccac	attctcgggg	1080
ggccctagct	gagcgaggc	ccaggcccca	cttgcttctt	gcgggtggga	nagctgcagg	1140
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agaaattgcc	accctcttaa	tttctcactg	gggagagcag	gggtggcaga	tcctggctag	1260
atctgcctct	gttttgctgg	tcaaaacctc	ttccccacaa	gccagattgt	ttctgaggag	1320
agagctagct	aggggctggg	aaaggggaga	gattggagtc	ctgggtctcc	taagggaata	1380
gccctccacc	tgtggccccc	attgcattca	gtttatctgt	aaatataatt	tattgaggcc	1440
tttgggtggc	accggggcct	tcattcgatt	gcatttccca	ccccctctct	gaattgcccc	1500
tgcggaacgat	gctaggttca	ggnnnnnnccc	gct			1533

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<210> 3545
 <211> 607
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (138)...(494)
 <223> similar to gi5596693 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3545
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 caccaagctc agccccctct gccctctggt gagtctcctg agtccctttg gagtccctct 120
 cttgctccca tgcagacaac tgggaagcagg agctgacaaa attcatcagc cccgaccagc 180
 tgcctgtgga gtttgggggg accatgactg accccgatgg caaccccaag tgcctgacca 240
 agatcaacta tgggggtgag gtgccaaga gctactacct gtgcaagcag gtgaggctgc 300
 agtatgagca cacgagggtcc gtggggcccg gctcctccct gcagggtggag aacgagatcc 360
 tgttcccggg ctgtgtgctc agatgtcctg aggttttaca acacctacag cctgggttcat 420
 tctaaacgca tcagctacac cgtggaggta ctgctcccag accaaacctt catggagaag 480
 atggagaaat tctaggtgaa cctcatggtc cccacaccct cctctttgat ctctgaatcc 540
 acaatgagtt cacagccttc cctggccaga ccctgttcaa cctctcagga acagggattc 600
 tacaaca 607

<210> 3546
 <211> 907
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (265)...(747)
 <223> similar to gil256001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3546
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 ccctacagg cagctccaga gccaggggct cagggccaga gggagaagaa cagccagcac 240
 ccaccagctc tggccccctc tgggcaccaa ggccacagtc atgggcacca ggggtggcact 300
 gatatcacgt ggatgggtcct cctgggagat ggtctacaca acctactga tgggctggcc 360
 ataggtgctg ctttctctga tggcttctcc agcggcctca gtaccacctt agcggctcttc 420
 tgccatgagc tgccccacga actgggtgac tttgccatgc tgctccagtc agggctgtcc 480
 tttcggcggc tgctgtgctg gagcctcgtg tctggagccc tgggattggg ggggtgcagtc 540


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ctgggggtgg ggctcagcct gggccctgtc cccctcactc cctgggtgtt tggggtcact 600
gctgggggtct tcctctatgt ggcccttgtg gacatgctac cagccctgtt tccgtcctcc 660
ggagcccctg cctacgcccc atgtgctcct gcaggggctg gggctgctgc tggggggctg 720
cctcatgctt gccataaccc tgctggagga gcgggctactg cccgtgacca ctgagggctg 780
atggggccag tggaaagggg tcgggttgcc cttccttccc cccaaccaca ggaatggagg 840
cgggacacag ggccagtagg agcaatagga ttttaataaa cagaacccat ccaaaaaaaa 900
aaaaaaa 907

```

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<210> 3547
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (685)...(351)
<223> similar to gi3236368 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3547
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gaggaggtgg gagatgcacg catgccctta gctaggcgtg gggtaggctca gttaagaagg 180
gcactgcctc cgcagcccc cggcgctcag ccagctgcag ccccaaagg ctagggtttt 240
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aggcgaagg ccctaccagc cagctgagcg ggggattgtg ctgtaggccc tccagcagct 420
gctctaacc ctgccaagcc tggtgacac cctcgcggct ctgcaccagc cgctctgcgg 480
gcagctcctc tacagagcca gctgaggcca cgatgccata gagctcacag aggctgtgcc 540
gcgcccgcgc cactggctgc tggagctcgg cgggcaggcc ctggaggctg gagaccaggc 600
cactgtaggc cgtgtgcagc tgccggagaa ggccgcagac cctggacaga accccggcat 660
cccgtcctg tgggaggaag gcgcaagggt agtgagacc catgggcggg gtggggggac 720
cctagccctg tgccagaccc atctcctgga cagcagcgtc ctccgcactg gcacctgagg 780

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```

<210> 3548
<211> 2796
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1655)
<223> similar to gi2827158 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tccttcagag	ttgggccatc	tcagtcagac	agcgtccctg	aagaggggca	gcagctttca	180
gtctggtcga	gacgacacgt	ggagatacaa	aactccccac	aggggtggcct	ttgttgaaaa	240
attgacaaaa	ctcgtcttga	gccagctgcc	taactttctg	aaactctgga	tctcctacgt	300
taatggaagc	ctcttcagtg	agactgctga	gaagtctggc	cagattgaaa	gatcaaagaa	360
tgtaaggcaa	agacaaaatg	attttaagaa	aatgattcag	gaagtaatgc	actccctggg	420
gaagcttacc	cgcggagccc	tgcttcccct	cagcatccgg	gatggggaag	ccaagcagta	480
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tatccaggat	ctcatcttgg	atctccgagt	acgttgcgta	atggccacgt	tgacgcacac	660
ggcggaagaa	ataaagagat	tagctgaaaa	agaagactgg	attgttgaca	atgaaggact	720
gacttctcta	ccatgtcagt	ttgaacagtg	catcgtgtgt	tctctgcagt	cactgaaggg	780
ggttctggag	tgcaagccgg	gagaggccag	tgtcttccaa	caacctaaaa	cacaggagga	840
ggtttgccag	ctaagcatca	atataatgca	ggtttttata	tactgtctgg	aacagttgag	900
caccaagcct	gatgcagata	tagatactac	acatctctct	gttgatgttt	cttcccctga	960
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actagatcaa	agactctttg	aaaattacat	cgagttgaaa	gcagatccca	tcgttggtctc	1200
cttagaacct	ggaatttatg	caggatattt	tgattggaag	gactgcctgc	ctccaacagg	1260
tgtcagaaac	tattttaaag	aagcactggt	gaatataatt	gccgtgcatg	cagaggtggt	1320
caccatttcc	aaagaactgg	tccttcgggt	actatccaag	gtgatagaag	cagtttctga	1380
agagctcagt	cgactgatgc	agtgtgtttc	atccttcagc	aaaaatggag	ctttacaggc	1440
gagacttgaa	atctgtgctt	tgagggacac	tgtggctgtt	tacctgacac	ccgaaagcaa	1500
gtcaagtttt	aagcaggctt	tggaagccct	gccccagctt	tccagtggag	cagataaaaa	1560
gttactggaa	gagctcctga	acaagttcaa	gagtagcatg	cacttgcagc	tcacctgttt	1620
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gaaaataaca	cgtaataaga	ctgttcactc	tctaagtacc	ctaaagggtat	ttggtgtatt	1740
aaacattggg	tttgccattt	ttctcttttt	tcttcctctg	acttcgaaaa	ttgttggtat	1800
acattttcaac	caaaatgacc	tcattttgaaa	tgcccaggaa	gtatttggtt	tgccattctt	1860
actagatcag	atcctgtatg	acttttaaaat	acatttttaa	atataattttg	catctcagca	1920
gaagggttgag	tgctgcagga	agagctgctt	ctgcagggag	ttttctggaa	tggcgtggca	1980
catattgaag	catttctcag	tgtcccgttc	acggaagcgc	aggcagctcc	cacgacacac	2040
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<210> 3549

<211> 4197

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(3727)
 <223> similar to gil469193 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3549

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<210> 3550

<211> 1239

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1240)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1169)...(931)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3550

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<210> 3551
<211> 1587
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(783)
<223> similar to gi4210354 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3552
 <211> 4367
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4368)...(707)
 <223> similar to gi4240217 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tggccctccc	tgtcaagcac	ttccactgac	tttgggggca	ccatgctgtc	ttccctactg	4140
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agccttgtgt	gtgggaggcc	tagagggtgc	ctagtggctt	ggactgggtg	gcctgggagc	4260
aaagtgccat	ccctttctgt	ctcttcaggg	gtactccgtg	gctcttccat	gtcctttgga	4320
gattcacttg	caaatttcct	taaaatctct	tcttttgcct	ggagctt		4367

<210> 3553

<211> 1919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(940)

<223> similar to gi5748546 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3553
atggagccag gcagcgtgga gaacctgtcc atcgtgtacc ggagccgcga cttcctggtg 60
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cagaagcagc tgcggtaccg ctttcccagag ctggccgacc ctgacacctg ctacgggttc 180
aggttctgcc accagctgga tttctccacc agcggggcgc tgtgcgtggc cctaaacaag 240
gcagccgccg gcagcgcgta caggtgcttc aaggagcggc gcgtgaccaa ggcttacctg 300
gcattgctgc gggggcacat ccaggagagc cgggtaacca tcagccatgc cattggcagg 360
aacagcacgg agggccgggc ccacaccatg tgcacgagg gctcgcaggg ttgtgagaac 420
ccaaagccaa gcctcacaga tctcgtggtt ctggaacacg ggctgtacgc aggcgatcct 480
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cagtgccctg ggccaccccg tgggtggcga cctgacctac ggagaagtct cgggcccggga 600
ggaccggccg ttcagaatga tgctgcacgc tttctacctg cgcatcccca cggacaccga 660
gtgtgtggag gtctgcacgc ctgaccctt cctgccctcc ctggatgcct gctggagccc 720
ccacacactg ctgcagtcgc tggaccagct cgtgcaggcc ttacgggcca ccccgaccc 780
tgaccccgag gataggggcc ccaggccagg cagcccctcc gcactcctgc ctgggcccgg 840
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tcccagagac taatgggtccc tgctgggctc gagtctgcag gcccggtgc gtgtgccttg 1560
gcctcactgt accagtgggt cctctctctc ccggtattctg agctcagtgt ggtgtttggt 1620
gcacaggggt tggtcagggg ccatggccaa ggccctgcca cgcacgcca tccctcagat 1680
ccactgtgag caccaacctg ctgcagtctc ttgggcccct gctggcagct ctgccacgtc 1740
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gggagctgtg ggtctgccag gtccacctc ctctgtcccc catgccaaa cctgggctcc 1860
tggctacagc agggctccag ggactccaaa taaatgttca gtgactggca aaaaaaaaa 1919

```

```

<210> 3554
<211> 601
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (42)...(506)
<223> similar to gi2827495 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3554
gcgcggcgcg ccagcaacac tgcacgcagg tgcgcagccg gcggctcatg aaggagctgc 60

```


ctgcccaggc	agcccaccac	ccaccctgag	gagacagagg	aggagctgac	ggagcagcag	1680
gaggtccttg	tgggggaggg	agccctgacc	atgccccggg	agggctccac	agagagttag	1740
agcacacagg	aagacctgga	ggaggaggac	gaggaagacg	atggggagga	ggaggaggat	1800
tgcattccagg	ttaaggacga	ggaggggcag	agtgggtgctg	aggagggggc	cgacttggag	1860
gagcctgggtg	ctggatacaa	aaaactgttc	tcagatgccc	agccgctgca	gcctttgcag	1920
gtgtaccagg	cgccccctcag	cctggccact	gtgccccacc	aggccctggg	ccgtaccacg	1980
tcctcccctg	ctgccccctg	gggcatgaag	agccccccag	accagcccgt	caagcacctc	2040
ttcaccacag	gtgtgggtcta	cgacacgttc	atgctaaagc	accagtgcac	gtgcgggaac	2100
acacacgtgc	accctgagca	tgttgccgg	atccagagca	tctgggtccc	gctgcaggag	2160
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agagcaaaca	ctggagctgt	gtgcagaagt	tcgccgctgg	tctgggccc	tccctgcgag	3240
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tgggggcccga	gcaggcccag	gctgcggcag	cccgggaaca	cagccccagg	ccggcagagg	3360
agcccatgga	gcaggagcct	gccctgtgac	gccccggccc	ccatccctct	gggcttcacc	3420
attgtgatatt	tgtttatatt	ttctattaaa	aacaaaaagt	cacacattca	aaaaaaaaaa	3479

<210> 3556

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (741)...(261)

<223> similar to gil706967 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3556

tttttttttt	tttaattaac	aaaccttttt	ttttttttta	ttggagatag	gaaacagtga	60
agtcccatat	accataccct	acaagacaca	aggtgcgcag	acgagccttg	gctatgtacc	120
ggcgtgcag	gaagaggctg	tccgccgggc	ctgggctgct	ccagctacgc	ggggaggcgg	180
ccccattgca	aagtgcagtt	tctccgcgga	gggtggcggt	gggtcagtgg	gcagagggcc	240
atggtttcca	tgttaaggga	agcggacgtg	catcttggtc	tcaatgtcga	tcccctgcc	300
gatcttcagg	aagtcctcga	aggtgatccc	ctcgtacacc	tgatcaggct	ccatctgccc	360

```
catgcacacg ctggccgcct ccatcatggc cccgtcggcg atggagcgag cggactcctt 420
ctcgatgtga gggtttcccg acagcagctc ctcgaccaca tttcgatatt cttccagagt 480
gatgcggccg tcgctgtccg agtcgtacat gtggaacaga aatctcagct tctccttccg 540
ggacagctcc acctgttcct cgtccatggg ggtgtcgatg ggccggaagt aggacatgat 600
ggtcaggaag tcctcgaaat tgatctcatc agccaggcca ctgggtccct tgcgcagggt 660
cctgttgctg aaaagccacg aaaaattttg aattcgaggg ggtttacccc caagtgcggg 720
gaattgttta agttcttcct 740
```

```
<210> 3557
<211> 1116
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(996)
<223> similar to gil84240 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 3557
gcggccgcgc gcgggcccgg cccgcgcaca gcgcccgcgt gtacaacatg atggagacgg 60
agctgaagcc gccggggccc cagcaaaact cggggggcgg cggcgccaac tccaccgcgg 120
cggcgcccg cggcaaccag aaaaacagcc cggaccgcgt caagcggccc atgaatgcct 180
tcattggtgt gtcccgcggg cagcggcgca agatggccca ggagaacccc aagatgcaca 240
actcggagat cagcaagcgc ctgggcccgc agtggaact tttgtcggag acggagaagc 300
ggccgttcat cgacgaggct aagcggctgc gagcgtgca catgaaggag caccggatt 360
ataaataacc gcccgcggcg aaaaccaaga cgctcatgaa gaaggataag tacacgctgc 420
ccggcgggct gctggccccc ggcggaata gcatggcgag cggggtcggg gtgggcgcgc 480
gcctgggcgc gggcgtgaac cagcgcgatg acagttacgc gcacatgaac ggctggagca 540
acggcagcta cagcatgatg caggaccagc tgggctaccc gcagcaccgc ggctcaatg 600
cgcacggcgc agcgcagatg cagcccatgc accgctacga cgtgagcgcc ctgcagtaca 660
actccatgac cagctcgcag acctacatga acggcttcgc cccacctaca gcatgtccta 720
ctcgcagcag ggcacccctg gcatggctcc tggctccaat gggttcgggt gtcaagtccg 780
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ccattaacgg cacactgccc ctctcacaca tgtgaggggc ggacagcgaa ctggaggggg 1020
gagaaatddd caaagaaaaa cgagggaaat gggaggggtg caaaagagga gagtaagaaa 1080
cagcatggag aaaaccgggt acgctcaaaa aaaaaa 1116
```

```
<210> 3558
<211> 2990
<212> DNA
<213> Homo sapiens

<220>
```

<221> misc_feature
 <222> (1)...(2662)
 <223> similar to gi3043726 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3558

cggcgcgcgg	gcagcgtgaa	gcgagggcgag	gcaaggcttt	tcggacccac	ggagcgacag	60
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gcggcagccg	cggcgggcgg	ggctgcagcg	gcagcaaccg	ggacggaggc	tggccctggg	180
acagcagggc	gctccgagaa	cgggtctgag	gtggccgcgc	agcccgcggg	cctgtcgggc	240
ccagccgagg	tcgggcccgg	ggcgggtggg	gagcgcacac	cccgaagaa	agagcctccg	300
cgggcctcgc	cccccggggg	cctggcgga	ccgcgggggt	ccgcagggcc	tcaggccggc	360
cctactgtcg	tgccctgggtc	tgcgaccccc	atggaaactg	gaatagcaga	gactccggag	420
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gaaggaaaag	aagcttcccc	caccaccccc	tcaagcccca	cctgaggaag	aaaatgaaag	600
tgagcctgaa	gaaccatcgg	gtgtggaggg	cgcagctttc	cagagccgac	ttcctcatga	660
ccggatgact	tctcaagaag	cagcctgttt	tccagatatt	atcagtggac	cacaacagac	720
ccagaagggt	tttcttttca	ttagaaaccg	cacactgcag	ttgtggtttg	ataatccaaa	780
gattcagctg	acatttgagg	ctactctcca	acaattagaa	gcaccttata	acagtgatac	840
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ctataagagg	ataaaacccc	taccaactaa	aaagacagga	aaggtaatta	ttataggctc	960
tggggtctca	ggcttggcag	cagctcgaca	gttacaaagt	tttggaatgg	atgtcacact	1020
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gggagccaca	gcagtggctg	gagctggcat	cacccagagc	atttgtttgc	cccttctgag	4080
tgtgtaccag	ctgagcacca	acggcacagc	acagacacct	agtgcctctc	ggaagtccct	4140
ggatgcccc	tcttggccag	gagtctaccg	cctgtccatg	tcctgatgg	agcagctgct	4200
caaaactctg	cgctacaact	tctgcctga	ggccctggac	ttcgtgggtg	tccaccagga	4260
gcggaacctta	cagtgcctca	acgcagtgag	gacagtgcag	agtctggcct	gcctggagga	4320
ggcggaccac	accgtgggtt	ttattctgca	gctctctaac	ttcatgaagg	agtggcactt	4380
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tacctctttc	ctgcacagtc	gaaagatgct	gcagcattac	ttacagaaca	aaaatgggga	4500
tggcctcccc	tcagctgttt	gcccagcgag	ttccagaggc	caccgtctgc	tgcttctgct	4560
gccccctcct	cctccaagca	gcccgtgct	gacacagagg	catcagagca	gcaggccttg	4620
cacacagtcc	agtatggcct	tctcaagatc	ctcagcaaga	cgctggcagc	cctgcgccac	4680
ttcaccacag	atgtctgcca	gattctgctg	gatcagtcct	tggaccttgc	tgaatacaac	4740
ttcctgtttg	ccctgagctt	taccactccc	acctttga	ccgaagtggc	ccccctcttc	4800
gggacccttc	tggccacagt	gaatgtggcc	ctcaacatgc	ttggagagct	ggacaagaaa	4860
aaggagcccc	tcaccaggc	agtggggctc	agcacacagg	cagaagggac	caggacgtta	4920
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cggtagctta	gggacccggc	tgtgcacccc	cgggacaaac	agcggatgaa	gcaggagctc	5040
agctctgagt	tgagcacgct	gctgtccagc	ctctcgcgct	acttccgccc	gggagcccc	5100
agctccccctg	ccactgggtg	cctccccctg	ccgcagggca	agtccacctc	tctctccaaa	5160
gccagccctg	agagtccagg	gcctctgata	cagttgggtg	aggcgtttgt	ccggcatatg	5220
caaagatagg	gcagtgtctg	tctgccacc	taccctctc	caccagccta	caactgaccc	5280
tggctggcag	gggtgctgct	ggctgctagg	gcctatacaa	tggagggcac	ctcctgtcac	5340
ccccctccc	gagtagccac	gactccagcc	accacccact	gacgttattt	ttataactaga	5400
tgaagaggtc	aacagcaggc	atggggagcc	gagtcttctg	tgctcaggtc	ctcacgctgc	5460
agacgcccc	taaaggaact	ttccttcctt	tccagcatte	cccacatgca	ctgccggcca	5520

```

ggggagagggc ggcagcccag cagagggctc tatgcacggg tttcaaacct gttttccaca 5580
ctctgtcttt gcagttttgg taattctgtg gtctatztat acagatatta aaatcttggt 5640
tatagacagc ctgtgtgatg ttttaacttca aagcccaggg atgacaacgt ggctctcaga 5700
acctaggaaa actcccctgg gccaggcgcc tgggagtggg gctgcagcct tcgggggaag 5760
ggcagggtact gatggatggg ctagttcacc agcatctcct cattcctgtc cttgggctga 5820
gggtttggct gggtgggcgc tgtcagatat tcccttcctt gggcctgcgc tggtcctgtc 5880
cttgaccctg ctttcattgg cccact                                     5906

```

```

<210> 3560
<211> 967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (585)...(889)
<223> similar to gi4226107 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3560
cccagagcgg atgtgagggg cgccgatggc ggagggaaacg gcggaggctc ctctagagaa 60
tgggtggtggt ggcgactcgg gagccggagc tttggaacga ggagtggcgc ccattaagcg 120
tcaatacctc accaccaagg agcagtttca ccaattcctg gaagccaaag ggcaggagaa 180
gacttgccgg gaaaccgagg taggagacc tggctggcaat gagctggctg agcctgaggc 240
taagcggatc cgactggagg atggacagac ggcggaacgg cagacggagg aggcagcaga 300
gcccggggag cagctacaga ctcaagaagag ggcccgggga caaaacaagg gccggcccca 360
tgtgaagccc acgaactacg acaagaacag gctgtgtccc tccctaatacc aggagtgggc 420
tgctaagtgt ttcttcgggtg atcgctgccg ctttctgcac gacgtggggc gctacctgga 480
gaccaagccg gccgacctgg gcccccgctg cgtgctcttc gagaccttcg gccgggtgcc 540
ctacggcgtg acctgccgct tcgctggggc ccacctgagg cccgagggac ttcaccaact 600
acggcctgga gcaactggggc tcggacacgc aggggcgtgg agaagaccgc gccgctttct 660
gctcgagtgg ctgtccttcc tgtgccggta cgtgcccggt gggctgctgg agcggctccc 720
acaagaggat caacgagcgg ccgccctact acctgggccc cgactacctg gagacgctga 780
tggccagcca gaaggcagcc gactggatcc gcatcagcga gatgtcctt gggccagtgc 840
ccccagctt cgccttcttg ccgaagcaca aggccaacgc gtacaagtag cctcaggctt 900
tcccaggggc accctggggc gaggagagta caataaattt tattctttta aaaaaaacct 960
cgtgccg                                           967

```

```

<210> 3561
<211> 1211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(569)

```

<223> similar to gil658503 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3561

ccatcgattc	gaattcggca	cgaggaagca	tgtccctgca	tttaggcaat	gaagtgtttg	60
atgtgtacaa	agccccactg	cagggcgacc	acaatcatct	ttttataaga	caaggtactg	120
gtctacaggg	acaagcagtc	tttaaaacga	aactcacctt	cagacctcac	tctacggaca	180
gtgccacaca	tagaaaagatg	actctgtcac	ttgcagatag	gtgttcaaaag	acacagaaga	240
ttagaatctt	gccaatggct	ggtcgtgatc	ctgaatgcc	acgcacagaa	atgattaaga	300
aagaagaaga	acgtttgagg	gcttccatac	gtagggaatc	tcagcagcgc	cgaatgagag	360
agaaacagca	ccagcggggg	ctgagcgcca	gttacctgga	acctgatcga	tacgatgagg	420
aggaggaagg	cgaggagtcc	atcagcttgg	ctgccattaa	aaaccgatat	aaagggggca	480
ttcgagagga	acgagccaga	atctattcat	cagacagtga	tgagggatca	gaagaagata	540
aagctcaaag	attactcaaa	gcaaagaaac	ttaccagtga	tgaggtaaga	ccaaatttat	600
tcaattctag	gggtttatcc	tgtactcagg	agccaactgc	tttgaatgaa	gagctcacag	660
atcaggcagg	cacaaattag	ttgtctacac	acgtcactga	aatccagtga	gataaatgca	720
gtaacaagac	agagtgatcc	agaggaggat	ctgatacctg	tgcttagaga	ggtcttagaa	780
ggctgcatgg	aggataagac	ttcttgctgg	gtgttgaaga	gtgatcagaa	gcttgctggt	840
caaactgtcc	tgtctctggg	aggtcactcc	ggatagatgg	aaaggcctat	aatactttgc	900
atatggagtc	tgcaaaaatc	gtgaccatct	ttatgttccc	catgtcacac	tggtccactg	960
cattgatgac	attatgctga	tggatcttga	tctgatgagt	aggaaataac	tccttgcttt	1020
gacttccaat	tttttccaga	tgaagagact	cattgttagt	tctctaattg	tccttctctg	1080
catctgcatc	tctctctgga	aactgagatt	tcatattcct	tctcttctcc	tctctctgac	1140
tgcaatcggg	gatattcttt	gtaaaagact	gacgttgcca	cctgcctctc	ctcacttcca	1200
ctgcactccc	a					1211

<210> 3562

<211> 3029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3031)...(73)

<223> similar to gi5419885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3562

tttttttttt	ttaggcgcgc	tagctgcgtc	cccagaaccg	ggagacttaa	ggcatcttta	60
ttgcgggatc	ctcacacggc	ctcctgggcc	cggcgatact	catagacgct	gccgtgctcg	120
ggaaaggcca	gtgcttgccg	gggcgacccc	ggcggtgggg	cggggtcctc	cgggtcccca	180
tagccaccgc	cgccgggcgt	gtggagacag	aacacatccc	cggggtacac	ggtcaccgac	240
gtcttgccgc	ccagattcac	cgtccggccg	tttttgccga	tcagcagggt	taggccgcgg	300
gcgccaggct	cgcccccggt	gagcccgat	ggccggaagg	cgccgcgctc	ggtcagcaact	360
gacagcagcg	cctcctcacg	aaaaagcagc	tcgcgggtga	cgccgtcgcc	gcctcggaag	420
cggcctctgc	cccccgagcc	ccgccgcagc	tcgaagcggc	gcaggatgac	cgggtaccgg	480
ctctccagga	tctcagggtc	ggtgatgcgt	gtgttggtca	tgtggctgtg	cacaccgctg	540

cgcccggtgcc	agctggggacc	cgcgcccgcg	cgcccgccca	ccgtctcgta	gtagcccatg	600
tgggcgttgc	ccagggtcac	gttggttcac	cagccctggg	aggcggcgca	ggccccaagg	660
gccccaggga	tgacatccac	cacgcgctgc	gacgtgagca	cgttgccgcc	caccaccgcc	720
gcctcggggcg	acgggtccag	gatggagcct	cggggaatga	ccacgcgcac	tggcgccagg	780
cagccctggt	tgagtgggat	gtcgcggccc	accagacagc	gcaggcagta	gatgagggcg	840
gacaggggta	cgccccgcgg	tgcgttgaga	ttaccaaaaca	cctccggccc	agtgccgctg	900
aagtcaaaaca	cagcgtgcc	ctgactcagg	ctgatctgca	cacggaggcg	gatgggggaa	960
ccgtcgtcca	tgtggtcttc	cgaggacacc	tccaggggca	ggccccgggc	ctgccgggag	1020
gttccaaagg	cacgcaacat	gtctcgacag	gccagctcag	cgtttgccctg	aatatggccc	1080
atgtaggcct	gcaccacgtc	caggccgtac	tggcccaaga	agctccccc	ccagctggat	1140
gcccttctgg	ttggctgcca	cctgggcacg	gaggtccgac	aggttgctgt	gcaggtttct	1200
ggttccgctg	cagttgggga	ccttgccctg	cgcccgagg	gcctccgtca	ccgcctcctc	1260
ctgggaagac	ccccctgga	caagtgtgaa	ggacagaaag	acggcaccct	cctgttgac	1320
catggtggag	tgggggggag	tggagccctg	tgtgatgccc	ccgatgtctg	cgtaggtgcc	1380
tcggctggcc	acatagaaca	caggccgcgt	ctgaccggcg	caaaacaccg	gtgtgataac	1440
agtcaggctc	ggcagggtgc	tgcccccggc	actgggatgg	ttgctcagta	gcacgtcgcc	1500
agggtggaga	tcggccccca	ggtgctgaat	ctggaactgc	accgtctcct	gcatggcacc	1560
caggtgcaca	gggatgtggg	gggcattgga	caccagcccc	ccatcgggcc	caaagagggc	1620
acaggagaag	tccagacgct	ccttgatggt	ggtggagatg	gctgtgcgct	gcaggatgcg	1680
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cacaaaggct	gggggcagga	caggcgggag	agcagaggtg	gacgtacctg	cgtgagtgc	2160
cggatgggcc	ggcacatggc	ctcgttggcc	acgcgcacga	accccatggc	cacctcctcc	2220
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acagcctcca	gggctttgcg	ggaggcctca	ggggaaagtg	gttggttctc	tcccggccca	2340
aaaatgcagg	ggaaggaggc	aggcagcagg	cgacccagga	ccagattagc	atccgtcact	2400
gtcacagggc	ccccctgggag	gtggacaggg	tgtggggctt	gggggctgga	ggcaggggag	2460
caggagtagg	cagcagggat	agggctgaca	ggaggggctg	ggcctgcggc	ggcaagcgga	2520
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acccctccc	gctgccacgg	tgttgatgtc	cagctgcggg	gcctggaggg	tgacgccagc	2700
tgtgctggcc	tcgaagacgt	gctcgaattc	cccagcatag	cgggctcaca	tccgtggacg	2760
tgcctcccat	gtcaaagccg	atgacaggct	ggccaccctc	ctgctggtag	gtggtggctg	2820
agtagccac	cacgcgcgg	gccgggcccc	agagcacagc	actggagccg	ctgaagggtg	2880
ccatgggcgc	caggccgcca	tcggagcgca	tgaacaacac	ctgcacatcc	ttgagttggc	2940
cctggaagcc	acggcagaag	ccctgcacgt	agcgtggat	ggcgggcgtg	aggtaggcgt	3000
cggcacaggc	cgtgtgcccc	cgaggggacc				3029

<210> 3563

<211> 2007

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(543)

<223> similar to gi5457357 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3563
agggggcctc ttcggtgttg gtgagacagc agccaagatc ttaaaaagca acatcgatgt 60
gttatattgca gacgtagctg ggtgcgaaga atcaaatgg aaattatgga atttgtgaat 120
ttcctgaaga atcccaagca gtatcaggac ttaggagcaa aaattccaaa gggagccatg 180
ctcactggtc ctcctggtac cggcaagacc cttcttgcca aagcaactgc aggggaggcc 240
actgtgccct tcatcactgt gaacgggtct gagttcctgg aaatgtttat tggcgttggg 300
ccagcaaggg gttcaactct gccaccaacg tcgtggtggt ggctggcacc aaccgccctg 360
acgtcctgga cccggccctc atgcggcctg gccggtttca tcgccagatt tacactggtc 420
ccccttacat taaaggcagg tcctccatct ttaaggcca cctgcgcca ctgaagctgg 480
acaagagcct caataaggac accctggcga ggaagctggc agtgctcacc ccaggcttcc 540
ctgatgtctg tttacatacc aaagttaaaa agctggaatg ttaccaagac tgctttcttc 600
tgcccataga cggggatgac tcagcactac ccctcaacag agatgacttt gatgactctg 660
cccctcagca gggcttacta agcactaccc cttaacaggg atgactccgc actgcccctc 720
aacagggatg actcagcagg gatgactcag cactgcccct caacagggat gactcagcag 780
ggatgactca gcactgtccc ttagcagtga tgacacagca aggatgactc agcactgccc 840
ctcagcaagg atgactcagc actgccgctc aacagacatg actcagggat ggcttagtac 900
tgcccctcag cagggatgac tcagcaccgc ccctcaacag ggatgactca gcactgcccc 960
tcaacaggga tgactcagca gggatgactc agcactgtcc cttagcagcg atgacacagc 1020
aaggatgact cagcactgcc cctcaccaag gatgactcag cactgccgct caacagacat 1080
gactcagggg tggttagta ctgcccctca gcagggatga ctcagcaggg atgactcagc 1140
accacccctc aacagggatg actcagcagg gatgactcag cactgcccct caacagggat 1200
gactgcaggg atgactcagc actgcccctc agcagggatg actcagcact gcccctcagc 1260
agggatgact cagcagggat gactcagcac cgcccctcaa caggcatgac tctgcagaga 1320
tgactcagca ctgcccctca gcagggatgg ctcagcaggg atgactcagc attgcccctc 1380
aacagggatg actcagcaga ctcagcaggg atgactcagc actgcccctc aacagacatg 1440
actcagcagg gatgactcag caccacccct cagcaaggat gactcagcag ggatgattca 1500
gcagagataa ctcggggatg actctgattg tccttcagca gggatgagtc tgttttgctc 1560
cgatggaagc atctgtagtg tccatcagca ggtgaatggc caaagtggta tatactgtag 1620
tcacattcag ctataaaaag gaataaagta tcgatgcatg ccacaacatg ggtgaaccta 1680
gaaaatactg atctaaatgc aagaagccag gcacaaaagg ccacatagta tatgttccca 1740
tttatgtgaa atgtgcagaa taataataaa aatgtataga atagcaaata tgtagggaca 1800
gacatgaggt gagtgggtgc cagaagtggg aatgggagtt aactataaat tgcacagggt 1860
accttacaga gatgatggaa atgtcctaaa actagattat ggcaatagtt gcactacgtg 1920
atcagtttat taaaaatcgt tgatgtgtgt gtgtaaaatg ggtggatttt atggtttata 1980
aattatacct taataaagggt taacaaa 2007

```

```

<210> 3564
<211> 1085
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1088)
<223> similar to gi5882259 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3564
ccagcttggt ttttgatcg agcactccag ataacaaagt tgctgaacaa gaagacttag      60
aaacacagcc aagtccatcc gtagaaaaag cagtgactgt gatagatcct gaaggtacaa      120
ttcccaccaa ttttaatgta gctgagaaac cagctgatca ttcattatca gaggtaaaac      180
ttaaaaactgc tgatgaaccc agaggtaactt tagtaaaatc tggtgacggt caaaacgtta      240
aagaaaaatc catgatttta tcaaatgtag aagatttaca acagccaaaaa ttcatttctg      300
aggtgtctag ggaagattat ggaaaaaaaag aaatctcagg cgattcagag gaaatgaaca      360
taaactcagt agttacttct gctgatgggtg agaaccttga aattcaatct tattcactaa      420
tcggtgagaa attggttatg gaagaagcca aaactattgt tcctcctcat gttactgata      480
gtaaaagagt ccagaagcca gcaatcgctc ctccatctaa atggaatatt tctattttta      540
aggaagagcc aagaagtgat caaaaacaaa aatcactcct ttcatttgat gtagtagata      600
aggtgccaca acagccaaaa tcagcttcct ccaactttgc aagtaaaaat atcacaagg      660
aatcagagaa accagagtca attattttgc cagtagaaga atcaaaaggc agtttaattg      720
atttcagtga agacagactc aagaaagaaa tgcaaaatcc tacttccttg aaaatttctg      780
aagaggaaac aaaactcagg tctgttagtc caactgagaa gaaagataat ttggaaaaca      840
gattcatata ccttgggcag aaaagaagggt gctggcagaa aaacaaaact ctgtgggccc      900
cattagagct tagagatagt aatgaaatag ggaagacaca aattacactt ggatctagat      960
ctactgaact gaaagaatca aaagccgatg ctatgccaca acacttctat caaaatgaag     1020
actacaatga aagacccaaa atcattgttg gttctgaaaa ggagaaagat gaaaaaaaaa     1080
aaaaa                                         1085

```

```

<210> 3565
<211> 2611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2612)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (239)...(919)
<223> similar to gil871540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3565
tctcactggg agaaatatca agttaggggt gtggagtgtt attaggaaga aataatcatt      60
atgggctaaa agttaagtga ttagaaatta tatatatttg cttttaaaat ttctatttca      120
agggttctt atgcaaatta tgagcctttc tagacagtat ttctggtctc ctgggttgag      180
tgtgaaatta tagccatcac ctgacatgca ttaattctgg attccttttg tgtgtggtca      240
gcaataccag gacgtgcccg atgccggagg aaaagagcaa cccaagggc gtggagtggc      300
tgtggcattc cattgttata aggatgtatc tgtccttgat cgccaaaagt gtccgcaact      360
acacacaaga agcatcctta ggagctctgc agaacctcac ggccggaagt ggaccaatgc      420
cgacatcagt ggctcagaca gttgtccaga aggaaagtgg cctgcagcac acccgaaaga      480
tgctgcatgt tggtgacca agtgtgaaaa agacagccat ctgctgctg aggaatctgt      540
cccggaatct ttctctgcag aatgaaattg ccaaagaaac tctccctgat ttggtttcca      600
tcattcctga cacagtcccg agtactgacc ttctcattga aactacagcc tctgcctgtt      660

```

acacattgaa	caacataatc	caaaacagtt	accagaatgc	acgcgacctt	ctaaacaccg	720
ggggcatcca	gaaaatttatg	gccattatgtg	caggcgatgc	ctatgcctcc	aacaagcaa	780
gtaaagctgc	ttccgtcctt	ctgtattctc	tgtgggcaca	cacggaactg	catcatgcct	840
acaagaaggc	tcagtttaag	aagacagatt	ttgtcaacag	ccggactgcc	aaagcctacc	900
actcccttaa	agactgagga	aaatgacaaa	gtattctcgg	ctgcaaaaat	ccccaaagga	960
aaacacctat	ttttctacta	cccagcccaa	gaaacctcaa	aagcatgcct	tgtttctatc	1020
cttctctatt	tccgtggtcc	cctgaatcca	gaaaacaaat	agaacataat	tttatgagtc	1080
ttccagaaga	cctttgcaag	tttgccacca	gtagataccg	gccacaggct	cgacaaatag	1140
tggtctttgt	tattagggct	tatggtacat	ggcttcctgg	aatcaaaatg	tgaattcatg	1200
tggaaggggac	attaatccaa	taaataagga	agaagctgt	tgcattactg	ggattttaaa	1260
agtttgattt	acatttatat	tccttttctg	gttcccatgt	tttgtcactc	atgtgcacat	1320
tgcttcgccca	ttgggcctcc	agtgtattgt	tctgcagtgt	tgaacacagaa	tggaaatgac	1380
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```
<210> 3566
<211> 5891
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(5892)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(1306)
<223> similar to gi4678438 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 3567

<211> 2174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1705)...(418)

<223> similar to gi257387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3567

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<210> 3568

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1272)...(274)

<223> similar to gi2905643 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3568

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<210> 3569

<211> 1581

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1582)...(860)

<223> similar to gi5360111 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3569

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ggcccccagc gccccgccgg ccacatctgg ccccgccaag ttcaaactgg cggaaccgcg 1500
ggcggggacg cgcttttcca agcgggccct gggcgccgcc aggccggcca atccccggca 1560
gcacagaccc cgcgttgcca t 1581

```

```

<210> 3570
<211> 6646
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1761)
<223> similar to gi3336980 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3570
gcccgaaaa agatgttcaa tacagtcatc cagtctgtgc ctcagccac aattacggtt 60
ctaaataccc cactcgtcgc cagtgtgtgc aatgtccagc atctcatcca ggccgctctt 120
ccaggtcacg ttgtggggca gccagagggg acaggagggg gacttcttgt cactcagcca 180
ttgatggcca atgggttgca agcaacaagt tcccctctcc ccctcacggg gacatccgtc 240
cccaagcagc caggtgtggc acccattaac actgtgtgtt caaatacaac gtcagctgtg 300
aaggtggtca atgcggccca gtcgtcctc acggcctgcc ccagcataac ctcccaagcc 360
ttccttgatg ctagcatcta caaaaataag aaatctcatg aacagctgtc agctctgaaa 420
gggagcttct gtcggaacca gttcccaggg cagagcgaag ttgaacatct cacaaaagtg 480
acgggcctca gtaccagaga ggtgcggaat tggttcagtg atcgtagata ccactgccgg 540
aacttgaagg gctccagagc gatgatacct ggagatcaca ggtccatcat cattgactct 600
gtgccagagg tgctcttctc cccatcgctc aagggtccctg aggtaacctg cattccgaca 660
acagccacac tagcaaccca cccttctgcc aaacgacaat cttggcacca gactcctgac 720
ttcacaccaa ccaatacaaa ggagagagcc cctgagcagc tcagagccct ggagagcagt 780
tttgacaaaa accctcttcc tcttgatgag gaactggacc gcctgagaag tgaaaccaa 840
atgacccgac gagaaattga tagctggttt tcagagagac ggaaaaaagt gaatgctgag 900
gagaccaaga aggtgagga gaatgcctct caggaggaag aggaggctgc tgaggatgag 960
ggtggagaag aggatattggc cagtgtgcta aggggtctctg gtgaaaatgg ctctctgga 1020

```

atgccagca	gccatatctt	ggcagagcgc	aaagtcagcc	ccattaaaaat	caacctgaag	1080
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cctgaggatg	atgagtcaaa	caaactggca	gagcagctcc	caggcaaagt	gagctgcaaa	1200
aagactgccc	agcagcggca	cttgctgctg	cagctctttg	tccagacaca	gtggccaagc	1260
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ccagcagtct	ggacagatcc	ttcttcctct	gctgttggtg	gagagtgagt	gagtatggtc	4320
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```

cagtcgtgca cagagacaca cccacactag cccagtggca gtgggggatg tgggatggca 4500
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ggttaaattg tgttggtgcc ttcagtagaa ggcatttgtg ggctgcagag ttgagagttg 4620
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gcgcagtggc tcacacctgt aatcccagca ctttgggagg ccaaggagg cggtcacct 6420
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acaaaaatta gccggcgctg gtggtgcgcg cctgtaatcc cagctactca ggaggctgag 6540
gaaggagaat cacttgaacc cgggaggtgg aggttgcagt gagctgagat cgtgcccctg 6600
cactccagcc tgggcgacag agcgaaactc cgtctcaaaa aaaaaa 6646

```

```

<210> 3571
<211> 2192
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2193)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2192)...(802)
<223> similar to gi398845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3571
gtccgtagga gaacccccac agcggccgcg ggctagcaag ctcccggagc cgttttcggt 60
ttaccatgac ccagnccgtg gtcgtacagg ggggccagtg cggaaaaccag atcggctgct 120
gcttctggga cctggcacta agggagcacg ccgcggtcaa ccagaaagga atttatgatg 180
aggcaataag cagcttcttt agaaatgtgg acaccaggca gtcttgattg atatggaaga 240
aggggtagtg aatgaaattc tgcagggacc actgagagat gtatttgata cgaaacagct 300
catcactgat atttctggct caggaaataa ttgggccgtg ggtcacaaag ttttcggcag 360
tctttacca gaccagattt tagagaaatt cagaaagtcg gcagagcact gtgattgctt 420
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tccttctggt gaggatgatg tcataacctc accttataat agcatcttgg caatgaagga 600
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tctggttact tcaagttctg gggctttaaa aaagcagcat aagaagccct ttgatgcaat 780
gaataacatt gtggcgaatt tgctcctcaa cctaacgagc tctgcaagat ttgaagggtc 840
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tctcgtgtca agcctaacac ctctgtatac actgacagat gttaacattc ctctagaag 960
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caaacacagt ctttacctcg cctgtgcact catggttaga ggaaatgtac aaatttcaga 1080
tcttcgtaga aatattgaaa gattaaaacc atctctacaa tttgtctcct ggaatcaaga 1140
aggctggaag accagcctgt gttccgtacc tcctgtgggc cattctcatt cgttattagc 1200
tttagcaaat aacacatgtg tgaagccac cttcatggaa ctgaaagaga gattcatgag 1260
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ctgtttcaca gaagctgtgt catctttatc agcactcata caggaatatg accaactgga 1380
cgccacaaaa aacatgcctg tgcaggattt acccagacta agcatagcta tgtgaaaaag 1440
aaaccctcaa aaatactttc ttaatttcac attgtttttt ctgacctttc tgtttcaaca 1500
tttttgtaat ttggaaactc cagttttttc atattatcgg gaaatatttt tgtctaaaag 1560
agtgtattct gtttaatcgc aatttggttg taataccaat gtgtgaaatt agtgaaatct 1620
tagtacctta acttcaaaaca tttctcttca gaaaagttcc cttttctaaa attgagataa 1680
catagtctct gaatatcttg ctgtatttat agcctcatat ttaggcattt atgcactgat 1740
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ttgatattct atttaagtta tcctgattct ttaaaagtag gttaattggg agtaggagga 1860
ccaccaatat taaatatctc cgtgtaatag ccacccaact ttttcaggca taggttttat 1920
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tcctaatttg tacacttaac atgtatttgt attaaacttt ttaaataatt gctttcttat 2040
caaaccaatt gattttataa taaatgtcta ttttttcaa cagtgtact tgttattggt 2100
ctgcatgaca tttatgcaaa tgaacagaat gttactaagc ttgatattct ccaaactttg 2160
caataaatgg ctataattgt tccggttact at 2192

```

<210> 3572

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(1130)

<223> similar to gi577843 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3572
ccactgatga cccttagtca gtgcggtgga attccccggcc acggccactc gcacgggggt 60
cacggccacg gccacggcct ccccaagggg cctcgcgtta agagcaccgc ccccgaggagc 120
agcgacatca acgtggcccc gggcgagcag ggtcccgacc aggaggagac caacaccctg 180
gtggccaata ccagcaactc caacgggctg aaattggacc ccgcagaccc agaaaacccc 240
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atggaactgg aagaagatag ggctggacaa cttaacatgc gtggagtgtt tctgcatgtc 360
cttgagatg ccttggggtc agtgattgta gtagtaaatg ccttagtctt ttacttttct 420
tggaaggtt gttctgaagg ggattttgt gtgaatccat gttccctga cccctgcaaa 480
gcatttgtag aaataattaa tagtactcat gcatcagttt atgaggctgg tccttgctgg 540
gtgctatatt tagatccaac tctttgtgtt gtaatggttt gtatacttct ttacacaacc 600
tatccattac ttaaggaatc tgctcttatt cttctacaaa ctgttcctaa acaaattgat 660
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ccaacatcat acatggaggt ggctaaaacc attaaagacg tttttcataa tcacggaatt 840
cacgctacta ccattcagcc tgaatttgct agtgtaggct ctaaatacaag tgtagtccg 900
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agtaacaatc tagagaagaa gcccaggagg actaaagctg aaaacatccc tgctggttgt 1080
gatagagatt aaaaacatgc ccaaacaaac caacctgaat catctttgtg agtccttgaa 1140
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attcctaagt ttgccaagt agtgtaattg aagtccttgt ctggtcacac agtttaattc 1260
tatttttgta agaacataat gggactgcat aacagagttc tatattacaa ttttgtgatt 1320
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tacatttttg tttaaagtaa gttaaaccctt atataacata atgacatttg atttctggat 1440
ttttcccatg ataaaaatta gggggataaa taaaattggt actggaattt ctctgcaaaa 1500
aaaa 1504

```

```

<210> 3573
<211> 1309
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1310)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1309)...(173)
<223> similar to gi3928166 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3573
tttttttagct tgttatgctt tttttttttt cccaaagcac tttaatgcat tcaccaaccc 60

```

```

acagtccctg cccgctggct gggcaagaga ggccagcccc catctggagg ctccataggc 120
ttcccacacc tagtgtgtcc aggaaggctg agcccgacac cattcccatc aatagggtgag 180
gggcgtgaga atgaagaggc ggtcttcctc tttgcggatc cagcgcacatca gcttatggat 240
ggcactgacg gctgacgcct tggccccag ggggctcgta acacatgtag agctcaaagg 300
cgctgtcac ccaggccagg gaggttctcg ttgcggggcc gtgtagtaaa ttggtcttga 360
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tcctgtcctt cttcactggg gtatggggcc tcaatctcag ggctggtgaa gagtcccgag 480
ctctttgact tatagaggaa gtgacgcagg tcagggatgc ccacttgggc aacgctgtag 540
taggggtgtg gcagtgcctc tcgcagggcc aggtgggctc cgcgcttgcg aaggcgctcc 600
tggaagcggc ggcggcagtc agagactgca aagaagtcct cacggtcagt ggagacaagc 660
agcaggcaga ggtcagtgtc aggctctagg taagagatgt gtgctggaa gaagccggct 720
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cgcgctgtc gcaggctggc gctcacagtg tcgcgcacgg ccgcccagc gggcaggcac 960
cgtgccgccc ccatcaggaa gctgggggtc cgtgccatga gctgcagcag gttgtcgggtg 1020
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tggtcagct gcgcaccggt aagaaggctt aggatctggg agtagatgta gagcagctcc 1140
tgcccgagct cttgtgccga ctgccgcgta cgagccaccg ccactagcac cagcgggctc 1200
cggcgcacga atactacctt gtagccatct ggctccattc cctgaattcc tccgcnctgt 1260
ctaaggggtca tctatggggg ntctatnngg ggggggnggg gggggggggg 1309

```

<210> 3574

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> similar to gi3043740 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3574

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ggaattccag cagcagacag aagaagccag tctggagctt attaaactgg acattttctag 60
aacatttctt aatctctgca ttttccagca aggtgggtcca tatcatgaca tgttgacacag 120
tattttgggc gcttatactt gttaccggcc agatgtgggt tatgtccagg gcatgtcctt 180
catagcagca gtgttgatct tgaacttaga tactgcagat gcctttattg cctttttctaa 240
ccttctgaat aaacctgtc aaatggcggt ttttagagtg gaccatggcc ttatgttgac 300
ttattttgct gcatttgaag tattctttga agaaaatttg ccgaaattat ttgcgcattt 360
caagaagaac aacctaacct cagatatcta cctaattgat tggatcttta ccttatatag 420
taaattctctg cccctcgacc tggcctgtcg tatctgggac gtgttctgtc gcgatgggga 480
agagttcctg ttccgcacgg ccctgggcat cctgaagctg ttcgaggaca tctgaccaa 540
gatggacttc attcacatgg ccagttcctt gaccggctg cccgaggacc tgcccgcgca 600
ggagctgttt gcctccatcg ccacgatcca gatgcagagc cgaaacaaga agtggggtca 660
ggtactgact gcattgcaga aagacagccg ggaaatgaga gaagggaagt ccgtccctcc 720
gacactgagg ctgcagcggg aattcgcact cggcaccaat cagagcccca tgccgcggcc 780
cctctgttgt ttcagactga cccccgggca gccgagaaga acagacgctc ttttaagtttg 840
attcctaaca ctggagttgg ccttaaaca aacaaacaca aaaactttta aagaattaaa 900
ccaaggctta gccttaagca gctcagtgga aggatgagct gctgcggacc acagccagcc 960

```

actgcatctg	ctgcacagtt	gaacgatggg	cagtggctca	ccccactcc	tttatttcag	1020
caaaagctaa	ttaaattgta	atgtttctat	gtcaactact	gggaagtatg	ttacagtctt	1080
agccaggatg	catgagagat	gttatttggg	agacttgaga	tgctttggct	gatatttaca	1140
tgttttcgat	aagaaaggga	tcgctgattg	agttattgag	atagtttttc	cagagctgga	1200
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gatggccact	gatgtgtgtt	tgtggatacc	tgggcatcga	cccagcctgc	aggtgagctc	1320
tgggcatgt	tgcttgaca	cagtcacagt	gtagaggctg	caggtgcaca	cgtgggctcc	1380
agtgggactg	cgctctggga	gactgctccc	tggcatcggg	cctgcggagg	tggaaaagttc	1440
gagag						1445

<210> 3575

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (430)...(1216)

<223> similar to gi886024 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3575

gcctcctcct	cagctcgctt	ggcttctcac	ttaggcgtgt	gctttcgctt	tgcagcaaaa	60
gctgctgctt	ttcgcatcta	aattcttgct	ctgaagggtgc	caagaacctg	gaaaccggct	120
gggagtgggg	tctcaccagc	ctttggagac	cctcctgagc	cgtctggcaa	ccagtgcaga	180
tacagagctg	cacggaacgt	catgaaggac	caacgcctgg	ttttccatag	taaagttagg	240
tcatctgggt	atgcgtcagc	accacatgta	actatgtttt	caccaaagac	caacatcaag	300
agtgagggga	aaggatcttc	aaggagcagg	agcagctgcg	cacgggaggc	ataccccgctg	360
gagtgcgctg	tgccaccaa	gcccggcccc	caggctcgctg	ccgccccac	ctgcacacgt	420
gtatgctgca	tccagtactc	aggagatggg	cagtggctgg	cctgtgggtt	ggccaacccat	480
ctgttactcg	tttttgatgc	cagcctgact	gggacacctg	ctgtgttttc	aggtcacgac	540
ggggcagtga	atgccgtgtg	ctggagccag	gaccggaggt	ggctgctctc	tgcggcccgg	600
gacgggaccc	tgcgaatgtg	gtcggctcgt	ggggcagagc	tcgcaactgt	tctgatataa	660
acagaagagc	aagtccaagc	tgatttgca	gctctccacg	acgggtgcag	tagacatgac	720
cagtttatcg	gcagtcaacg	acttttattc	ccacatcgta	ctcgagctg	gccggaacag	780
gaccgtggaa	gtgtttgacc	tcaacgcggg	ctgcagtgc	gcggtgatag	tggaaagcca	840
ctcacggcct	gtccatcaaa	tctgccaaaa	taaaggttca	tcatattaca	cccaacagcc	900
tcaggcttat	aaccttttcc	tgaccacggc	cattggcgat	gggatgagac	tgtgggacct	960
gagaaccttg	aggtgtgagc	gccactttga	agggcatcca	acccgcggct	atccatgtgg	1020
aatcgctttc	agtccttggt	gacgattcgc	ggcttgtggg	gccgaggaca	gacacgctta	1080
cgtgtatgaa	atgggctcaa	gcacgttttc	tcaccggctg	gctgggcaca	cagacactgt	1140
cactggagtg	gccttcaacc	catcagcgcc	ccagcttgcc	acagctacct	tggatggtaa	1200
actccagctc	tttctagctg	agtaaccact	gacctgtgag	ctgggtccag	gaatgctgtg	1260
aggaacaact	taaaagtaag	aagtagtggg	tcatccatca	gggggccaga	agcagcaact	1320
gtttttcata	ttttgagact	tgccctcagat	ttcccccggt	tgcaagctcc	tcccctctgt	1380
gtgtgccatg	tcagagtttt	atgtctttct	gctcctcaaa	agggatcccc	cttcattggg	1440
aaaatggaaa	tggcgtccag	tacttctgca	cagaatttgg	taaagttaaa	acaaaatatc	1500
tttcaataaa	acataatata	gtatttgttt	gataattaga	gttggaagaa	aaaagagaga	1560
atctcttttg	ggcagtga	ataaagcagt	taacagtcaa	aaaaaaaaaa		1610

<210> 3576
 <211> 803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (611)...(383)
 <223> similar to gi34203 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3576
 cttctccggg tgcacccacg cgtccggcag aatcctatth ccaggaggag gactgtatcc 60
 ttttcttaat tacaggaaga aatthtttaga actcttacag aaccattcat tttthtaatt 120
 gaagtatat ttacatgtaa tagaatgtac agatcatatg gtttcagtgg ttttgacagt 180
 tgtatgtacc cgtgtaacca cctcagaaag caaatgtag gaaatttctg tctcttcaca 240
 aaatttccta gaaccatcca aagtttacct tcataaatag gccttaattg tactaaaata 300
 agtatttgta tttattthtt gaaggaaaat ttgtattatt ttaattattt ttatgtacag 360
 aacactcaac agtgtacatt taaccagtt tagcggcatg ttctthtagcc ttgacctttt 420
 tgagcttgge aacgtgcgcc acagacttg gaccgggac attgccgcc ccgtgatggt 480
 gaatctcgtc gtatctgtcg ttgtaattgg tcctggacta gacagcccag tcttgcttc 540
 cccttgata atgcagtaag ggacccccat tttacgacat agggcaggca agaagacagc 600
 cagctggaag aaggcattag tggaagagtg taththgacc aaaagcagta aatctcaaag 660
 ctagcttggt agcaagcag agagagagaa cttctgagt atcatgaaga caaaaagctg 720
 aacagtgagt tttctcttc cttthttctg ggncagcatt tagagcattg cccagaggaa 780
 ggtaggcagt tggacagtgt att 803

<210> 3577
 <211> 1302
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (34)...(669)
 <223> similar to gi3806122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 3577
gagtacatta gtccagtgcg gtggaattcg cgcggcgctca agtgcgtgct ggtcggcgac      60
ggcgcggtgg gcaagacgag cctggtggtg agctacacca ccaacggcta cccacccgag      120
tacatcccta ctgccttcga caacttctcc gcggtggtgt ctgtggatgg gcggcccggtg      180
agactccaac tctgtgacac tgccggacag gatgaatttg acaagctgag gcctctctgc      240
tacaccaaca cagacatctt cctgctctgc ttcagtgtcg tgagcccctc atccttccag      300
aacgtcagtg agaaatgggt gccggagatt cgatgccact gtcccaaagc ccccatcatc      360
ctagttggaa cgcagtcgga tctcagagaa gatgtcaaag tcctcattga gttggacaaa      420
tgcaaagaaa agccagtgcc tgaagaggcg gctaagctgt gcgccgagga aatcaaagcc      480
gcctcctaca tcgagtgttc agccttgact caaaaaaagc cctcaaagag gtctttgatg      540
cagccatcgt cgctggcatt caatactcgg acaactcagca acagccaaag aagtctaaaa      600
gcaggactcc agataaaatg aaaaacctct ccaagtcctg gtggaagaag tactgctgtt      660
tcgtatgatg ctggcaagac acccagaaag gctatatttc gatgaaatcg atattagaag      720
ctatattagc tgaacaact ccttttactg cgtagaacct atatcgagag tgtgtgtata      780
tgtattatag gaggagccct caattttatg tattctttct gcctttaatt ttctgtttg      840
tttgagctta gggatgagat acttatgcaa gatatttttg aagtaaatta aacatttttc      900
acatctctgg aaatttagag ttctagacct ctggttaatt tataatctaat atgaagaaga      960
cacctctaat ctggatgtta agaataaggt tctgctacat tataatgtac agaagagcaa     1020
aaggaggagg cactatggtt aaccctctct tgattaaggg ctacttaatg cacagtgcac     1080
tatgtacaca ggtcaaccat ggtaacaata gttcttagct ttgaaactcc atgcaaacca     1140
tgcctttttt ttaaggagca aaaatctgag aaaaaaagtg agagacctct gcctacaaaa     1200
cttcaaacca gtcacttttg tcaattgctt aattaccagc ttacttatga tttaaaaaca     1260
accaacagaa aacatcccac agactgtatg gcactctgta gt                                     1302

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```

<210> 3578
<211> 3466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3173)
<223> similar to gi4314432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3578
gagccaaggg agtccaggct gccgggggct gcagacatgg agggccagag cagcaggggc      60
agcaggaggc cagggacccg ggctggcctg ggttccctgc ccatgcccc a ggggtgttgcc      120
caaactgggg caccctccaa ggtggactca agttttcagc tcccagcaaa gaagaacgca      180
gccctaggac cctcggaacc aaggttggct ctggcacctg tagggccacg ggcagctatg      240
tcagcttctt cgggaaggac gaggtcggct ctggcatctc cccgaccaat cctggctcca      300
ctgtgtaccc ctgaagggca gaaaacagct actgccacc gcagctccag cctggcccca      360
acatctgtgg gccagctggt gatgtctgcc tcagctggac caaagcctcc cccagcgacc      420
acaggctcag ttctggtctc gacgtccctg gggctggtga tgctgcctc agcagggcca      480
agatctcccc cagtaccctt ggggcccaat ctggcccaa cctccagaga ccagaagcag      540
gagccacctg cctccgtggg acccaagcca aactggcag cctctggcct gagcctggcc      600
ctggcttctg aggagcagcc cccagaactc cctccacccc ctccccggt gccagtgcca      660
gttctgtctc caactcagga acaggccctg gctccagcat ccacggcatc aggcgcagcc      720
tctgtgggac agacatcagc tagaaagagg gatgccccag cccctagacc tctccctgct      780
tctgaggggc atctccagcc tccagctcag acatctggtc ctacaggctc cccaccctgc      840

```

atccaaacct	ccccagaccc	tgggtctctc	ccctccttcc	gagcccggcc	tgaggccctc	900
cacagcagcc	ctgaggatcc	tgttttgcca	cggccacccc	agaccttgcc	cttggatgtg	960
ggccagggtc	cttcagagcc	tggcactcac	tcccctggac	ttctgtcccc	caccttccgg	1020
cctggggccc	cctcaggcca	gactgtgccc	ccacctctgc	ccaagccacc	ccgatcacc	1080
agccgttccc	caagccactc	cccgaatcgc	tctccctgtg	ttcccccagc	ccctgacatg	1140
gccctcccaa	ggcttggcac	acagagtaca	gggcctggca	ggtgcctgag	ccccaacctt	1200
caggcccaag	aagccccagc	cccagtcacc	acctcctctt	ctacatccac	cctgtcatcc	1260
tccccttggg	cagctcagcc	tacctggaag	agcgaccccc	gcttccggat	cactgtgggc	1320
acatggaacg	tgggcaactg	catgccccca	gacgatgtca	catccctcct	ccacctgggc	1380
ggtggtgacg	acagcgacgg	cgcagacatg	atcgccatag	ggttgcaagg	agtgaactcc	1440
atgctcaaca	agcgactcaa	ggacgccttc	ttcacggacc	agtggagtga	gctgttcatg	1500
gatgcgctag	ggcccttcaa	cttcgtgctg	gtaacgcacc	cctcaccccc	tggacagcca	1560
gagaccctgc	tgaattcctg	gctccagctg	taccctggct	caactgtggg	cccgtgggc	1620
ctctgtggct	gggtgagttc	ggtgaggatg	cagggtgtca	tcctgctgct	gttcgccaag	1680
tactaccacc	tgcccttcct	gcgagacgtg	cagaccgact	gcacgcgcac	tggcctgggc	1740
ggctactggg	gtaacaagg	tggcgtgagc	gtgcgcctgg	cggccttcgg	gcacatgctc	1800
tgttctctga	actgccactt	gcctgcgcac	atggacaagg	cggagcagcg	caaagacaac	1860
ttccagacca	tcctcagcct	ccagcagttc	caagggcccg	gcgcacagg	catcctggat	1920
catgagtatg	ggctgggcct	cgtgttctgg	ttcggggacc	tgaacttccg	cattgagagc	1980
tatgacctgc	gctttgtcaa	gtttgccatc	gacagtgacc	agctccatca	gctctgggag	2040
aaggaccagc	tcaacatggc	caagaacacc	tggcccattc	tgaagggtct	tcaggagggg	2100
cccctcaact	tcgctccccc	cttcaagttt	gatgtgggta	ccaacaaata	cgataccagt	2160
gccaaagaa	ggaagccagc	ttggacagac	cgtatcctat	ggaagggtcaa	ggctccaggt	2220
gggggtccca	gccccctcag	acggaagagc	caccgactcc	aggtgacgca	gcacagctac	2280
cgcagccaca	tgggaatacac	agtcagcgac	cacaagcctg	tggctgcccc	gttcctcctg	2340
cagtttgctt	tcagggaagc	catgccactg	gtgcggctgg	aggtggcaga	tgagtgggtg	2400
cggcccagag	aggcgtgggt	gaggtaccgc	atggaaacag	tgttcgcccc	cagctcctgg	2460
gactggatcg	gcttataacc	ggtgggtttc	cgccattgca	aggactatgt	ggcttatgtc	2520
tggggccaa	atgaagatgt	ggatgggaat	acctaccagg	taacattcag	tgagggaatc	2580
ctgcccgaag	gccatggaga	cttcactcct	ggctactata	gtcacaacca	cagcatcctc	2640
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cgtagcccct	caccccagag	ccgcgcctg	tcccaggtgg	ctcctgacag	gagcagtaat	2940
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ccaccagctg	tgcctcgaag	cctgggcctg	ttgcccgcct	tgcgcctaga	gactgtagac	3060
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tcctagtccc	ccaggggcca	tcgggggctg	gaggaagggg	gcctggggcc	ctgagggtgg	3180
ggtaggcaga	tgggccaagg	tgaccacat	tctgcctcaa	tcttttgcaa	gcccacctgc	3240
ctctctcctg	ctgctcctcc	agctgtatct	gcacctgcct	ctctgtcctg	gccaggggtg	3300
gacaactggg	gtcccccaaa	actcagtcct	ggcacctcaa	ctgtgacaat	cagcaaagcc	3360
ccaccagggc	ccccatctgg	gatgatggga	gagctctggc	agatgtccca	atcctaaagg	3420
aggtcatcca	ttaggaaaaa	aattctacca	gacctcaaaa	aaaaaa		3466

<210> 3579
 <211> 1900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1901)...(119)

<223> similar to gi4530577 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3579

tttttttttt	ttgtgattat	acgtttttatt	agactcggga	ggggtatggc	agggcttcat	60
cagtgttcct	tcaaattaaa	aaaaaaatac	aaaagctacg	tagaaaacgt	cagatcagac	120
gactaaactt	tcccgactca	gggccaagt	cttcttgagc	ctgcgctctc	gggacgcctg	180
cgagtccgtc	tccgagtacg	ggggcgggcg	gggcgggtag	taggcctctt	cctcctcctc	240
cttgtggggt	ctcctcctct	cctccgaccc	cttcttcctc	acagcctcct	ccagtagccg	300
cccatcatag	gggagggtccc	cggacctgga	gccgttggtcc	cgagggtccc	gggtacggtg	360
gtgggtgggac	ctgggggtcgg	caggaggggcg	ctcccgagac	ctgaagtcgt	cgtagtgggg	420
gtcccgggag	cgtgggaagt	ccctcgagtc	gtcttggtca	tagaggtcgt	cccggctgcg	480
gctccgcggg	ggcatgtagg	cccggcttct	cctcccacca	ttactcgtgg	gagacctgct	540
ccctgactcg	gcggtgcctc	gggcgggggtg	aggtcgtcca	gggcgtccac	gggagcgggc	600
ccggggccgc	ctggcccggc	agccccccgc	ttgcctgctc	cctggcgggc	tcctggtccc	660
atcccctggg	actccggggg	gagtggccac	cccactcctc	atcccggatc	ggggtgaggg	720
cagggccccc	ggaaggccga	gatcgccagt	cgctcctcgt	gagggagggt	acttcactca	780
tggcccgtc	cacacggcca	ctgggggggc	caggtcgaga	agggtcgaag	ttggccagct	840
ccttctccat	gtagtacagg	acccgcagt	agtcgtcctg	ctggctggcc	tgaatcctgt	900
agccactgcg	gacacctgag	ctactcctgt	caacgtctcc	agggtatcct	ccagggtacc	960
cgttgtaggc	agggcccatg	ggaatcatag	ctggtggggg	tggggtcttg	gcgggagaca	1020
ggtgggcata	ggtgctgggg	gcataaatgc	tgggaacacc	tgagggtggc	gctttgccgg	1080
cggcatacag	ggcctcgggg	cagcagcact	tgtctgggca	gcaggggcac	ctgacgtagc	1140
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aggcagccag	gcataccaca	accacgaaga	gccagtcttc	tatgggcccc	gcctgaaaac	1260
caggtaagag	ctcagccacc	cctgagggtcc	tcccaggagc	gatgagctct	gcgtaggcct	1320
cattgttccc	ctggagggtcc	tgggctgaga	ccacggagca	gtaatacaca	ccactgtccc	1380
cccacgccgt	ctgggtcaaag	gtcaggtcag	catttccggg	gatggtaatc	ctccggccct	1440
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gcacgctgtc	ctggcactca	acgtagggggt	tgtagcctgg	gttcccggct	gccagctggg	1560
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aagacttgta	cttccagatg	acgatggggt	gcgtgggggt	cgaggtcatc	tggtaggtag	1680
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ggatggccag	cgccatcgcg	gccgtctggg	cgcgtctggc	ccgcgcgtcc	cttccaaagt	1800
accttagggg	gcgcggcgcg	caccaaggcc	aggagggggt	cacgctcctc	cccttcccac	1860
ttccgttcct	tgtccctact	ccaagtccgt	cctgttgcat			1900

<210> 3580

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(1302)

<223> similar to gi2854163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3580
ccactatcca tgtggtggaa ttcttctggc gccaggggcc gaccccacgt ctacctgcag      60
cgcatccagc tcaacaaccc cacggagcgc gtggccgcgc tgcagactgt ggggccact 120
gccggcccag cccccaaggc cttcaccagt accctggaga aggtcggaga ccatcagttc 180
ctcctctact caggccggtc cccgcctacg cccactgggt tgggtgcacct ggtggtggtg 240
gccgccaaga agctggtgaa ccgcctccaa gtggctccca agacgcagct ggatgagacg 300
gtgctgtggg tgggtgcacgt ctctggcccc attaaccccc aggtgctcaa aagcaaagca 360
gccaaggagc tcaaggcgct gcaggacttg gcacggaagg aaatgctgga gctcttgac 420
atgccagcgg cggagctgct tcaagaccac cagctcctct gggctcagct cttcagccca 480
ggagtggaaa tgaagaagat cactgacacc cacacgccgt ctggcctcac cgtgaacctg 540
acgctctatt acatgtcttc ctgctcgcca gcccactgc tcagcccctc cctgagccac 600
agggagcag accagatgga gtcgacgctc aactatgaag atcactgctt cagcgggcac 660
gccaccatgc acgccgagaa cctgtggccg gggcggtgt cctccgtcca gcagatcctg 720
cagctctctg acctgtggag gctgacctc cagaagcgtg gctgcaagg gctggtgaag 780
gtgggtgccc caggcatcct gcaggggatg gtgctcagct ttggggggct gcagttcaca 840
gagaaccacc tccagttcca ggccgacccc gacgtgctgc acaacagcta tgcattgcat 900
ggcatccgct acaagaacga ccatatcaac ctggccgtgc tggcggatgc cgagggaag 960
ccctacctac acgtgtccgt ggagtcccgt ggccagcctg tcaagatcta tgcttgcaag 1020
gcaggctgcc tggacgagcc agtggagctg acctcggcgc ccacgggcca caccttctcg 1080
gtcatggtga cacagcccat cacgccactg ctctacatct ccaccgacct cacacacctg 1140
caggacctgc ggcacacgct gcacctcaag gccatcctgg cccatgatga gcacatggcc 1200
cagcaggacc ccgggctgcc cttcctcttc tggttcagcg tggcctccct aatcacctc 1260
ttccacctct tcctcttcaa gctcatctac aacgagtact gtgggcctgg agccaagccc 1320
ctcttcagga gtaaggaaga tcccagtgtc tgagtgaact aacagtcctg ctttcagcca 1380
ccatttgcac aagacaccca gcaactgaaa tcccgtgcc aggagcaagg gatcctttgg 1440
aagcaccgc cctttgtgcc ttgttggggg aaaccggtga cgcagaagtg agtgtggata 1500
caccagagtt tgcattgga ggaatgagtg tcacgtgggg agggaaaggg ccagtggacc 1560
ttttgtaagc tttccactca ataaaatgaa cctgtatggc aaaaaaaaaa 1610

```

```

<210> 3581
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (49)...(617)
<223> similar to gi5802258 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cgcgcctcc tgaggccctg atggcagctc tgcgccaggc cacagcagcc gcccgctgcc 420
gctgccgcca gccacagccg ttctgtctgg cctgcctgca cgggggtgcg ggcggggccc 480

```

agccccctgtc	ccacttcgaa	gtggaggtct	gccagctgcc	ccggccaggc	ttgcggggag	540
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ccaacgacct	cgagctctga	gccaccacgg	tcccagggcc	cttactcttc	ctctcccttg	660
tcgccttcac	ttctacagga	ggggaagggg	ccagggaggg	gattctccct	ttatcatcac	720
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```

<210> 3582
<211> 2350
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2352)...(515)
<223> similar to gi5817018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3582						
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gatcatgttt	gtctgattat	taagaattct	tttttgtaac	attaactctc	taaagacaat	180
caatggactg	acatcactgc	tacaacacag	gttgctaact	gagcctctga	tcttcagcca	240
catcttgatt	ttcctaataa	tgagtaaata	ctgcctggct	aaaatgctgc	aaagtcttga	300
tgagagaaaag	catcaacaga	tcaagcaaag	ccatgaaaat	tatgaagcaa	gctagagctg	360
attattagaa	ttagtaaaaa	tgattaagag	aggatgacac	aaccatacgg	gatttgtata	420
ttctgattga	cactcttttg	gcagcgaatt	gggtcagcac	ctcgggcagg	gaaccaaacc	480
tgagtgaaaa	ctgctctttt	tctcctagc	tcaggccacc	aacgtcacag	ccgggactga	540
gagaactgct	gcatctgtgg	aaacttctat	tctcgtgggg	cagagattgc	actgtgaaac	600
cctaccgaca	ctaccccgga	agggcctggc	ctccgagggt	tctgcagcgt	gctgccttcg	660
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09463725 "0.1.13.100"

09483725.012100

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gacattcaca	tgagtattga	gttcagccat	cttgcttcta	gtggaatagg	ccctgggaat	2220
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cctcctctgc						2350

<210> 3583

<211> 3775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> similar to gi63752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3583

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gttgtgtcac	acttttctac	ctttttgcc	gtttgaagct	ttgcatcagg	tggaacaaatt	1020
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aaggaaacgt	gtgcagccat	tacacacagc	ctaacgctgt	caagacattg	cttcaacatt	1260
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<210> 3584
 <211> 4460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(3450)
 <223> similar to gi5733391 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3584
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agcttttcca cagaatttgg gcctgaaaat ctgagctgcg aagaagtgga atacttttgt 180

```

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gtgtttcaga	aagatgggga	acgaaaaatt	cagagtcgac	agcaacttcc	agtgggaaca	360
acctggggggc	cgtttcctgg	gaagatggac	ttgaataata	attcctttgaa	gacaaaggct	420
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<210> 3586
 <211> 2708
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2707)...(1603)
 <223> similar to gi2623162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3586

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tttgcgcata	gtaaacttct	gccattgtta	aagtctgagt	tagaattatc	aatgaattct	600
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gttcacctct	gtgcgtgtgt	gtgtatgtgt	tgtgtgcatg	tgtgtgtgtg	tgtgggggtg	780
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gggtccgacc	tgttgtaggg	tgtgggggaa	agtgaaggaa	gagaatgaag	gtgagtcacc	900
gccgttgcaa	accttcacca	aaccacgcgg	cccagttttc	gtgagtaccc	ctgtgtccca	960
gagaggagga	cccagcgtcc	tcggtctctg	cgcaggccct	cttgggtctg	tgggtactcg	1020
aggcagttga	gaaccttgct	gagctgagcg	ggcacctcgc	cttgccctgct	ggttcgacac	1080
ctgacccctc	ccccctggga	ttatgtacac	gcatcattgg	gcttcattgga	tgtggaaagg	1140
ggagcaaagg	atggtttggg	gggtacgtcc	ggcttttagcg	agggcgtagc	cttcagcccc	1200
gaccttgtea	gtgagttgta	ggcggtgagg	ctgggctgcc	tcgagacagt	cacggcctgg	1260
ccagatggct	gggagctgtg	cacctggatg	gagtcacccc	tctgcggggc	gggcggcggg	1320
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ttgtttcttt	tgagagtgg	ggcctggtgg	cttctcgtga	gcgagtctgt	ggggtagctc	1440
ctcttatagt	caaccccgta	ggaagaggag	tgggtgcatt	ccagccgctt	gcttagaccg	1500
gtctgagaca	gggaggctcc	cgggggaccc	agggaggcct	cccgtctgtg	aactttgggg	1560
ggcaggctgt	ccaggttctc	cacaaggttc	accccatgg	tgggactctt	gctgctgaga	1620
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cacaggggga	gccccatggg	ggcatgtcct	ttgtgcaggc	attgatgagg	ttctggttcc	1860
tctccactc	gcggtgcg	cggtctgggt	tccgcttctg	ctgcagcgtt	gggggtgact	1920
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tgcgccgatg	atcacagacg	cagtagacgg	tgatgcccg	gaagacggcc	cccatgacga	2220
aagccaggat	gactgcaatg	gccaaagg	tgacgggaac	cagctggtcg	tggcctttga	2280
ggtaactttc	ccgaatcact	ccattcttgt	cttgggtgatt	atgggaagac	actgccccca	2340

<210> 3588
 <211> 2018
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (53)...(453)
 <223> similar to gi5441607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3588

attgcccgcc	tgagaattcg	gacgcgctcc	ggctcgtagc	ccacagccca	ctgccggcgg	60
ctggggcgctg	ccgaggctcg	gggcgcgcgc	agttggcgtc	tgccagtgcc	aagactgtgc	120
cgccccacaca	gccgaggcgc	gaaaggggga	cgcccgccct	ctggggccgct	gccttcgctt	180
tctcttcggt	gttgcgaaacg	ccgtccgctc	aggaggcgcc	ccgcgaccgg	cgcgatgagt	240
gccaaacgagg	accaggagat	ggaactagaa	gcattacgct	ctatttatga	aggagatgaa	300
agtttccggg	aattaagtcc	agtttctttt	caatatagga	taggtgaaaa	tggatgattccc	360
aaagccttct	taatagagat	ttcctggaca	gaaacatatc	cccaaacc	tccaattcta	420
tctatgaacg	ctttttttaa	caacaccata	tcatcagctg	taaagcagag	tattattagcc	480
aagctacagg	aagcagtaga	agctaattct	ggaaccgcta	tgacctatac	attgtttgaa	540
tatgccaaag	acaataaaga	gcagttcatg	gagaatcaca	atcccatcaa	ttccgcaaca	600
tcgataagca	atatcatctc	aattgaaact	cctaatacag	cccatcaag	taagaaaaaa	660
gacaaaaaag	aacaactttc	aaaagcccag	aagcgtaagc	tggcagacaa	aacagatcac	720
aaaggagaac	ttcctcgagg	ctggaactgg	gttgatgttg	tgaagcattt	aagcaaaact	780
ggctctaagg	atgatgagta	gcacttggaa	tttgagacaa	ggaaagagca	ttctttaaag	840
agtaaaactg	ggttcaaaat	ctttcattac	tattttctgg	tattgaggcg	actttttata	900
aaacacaatt	ttttgtatgt	ttcttacatt	aaaaagggtg	taagttgaaa	gttcatgaag	960
agatcttggt	gtattaaatt	attttcacaa	acttgcctta	ataaaagggtg	aaaatgttac	1020
tgtttagtat	actttatgaa	gccccttgag	ctttataaat	ggacaggcat	ggggaataag	1080
aatcagtgtt	aatttaaatg	atcttatcct	ggtggatgtg	ctattttctt	aaaggagtat	1140
gaagcccttt	tcaaactatc	atcccagtg	agcggagtac	tcagtgaaca	gttactccat	1200
agtgaatcc	atattaatag	gcttcttctc	ttaagtcttc	atctcttctt	ttgcttaatt	1260
actgaaccgt	aaattacttc	agagaaat	aaatgctgg	atttgaactt	tatacatgat	1320
actttttgta	gtttctttta	atttttgaaa	gatgaactgc	ttccttttaa	taaattaata	1380
tctatttata	cttttctctt	gatttgggtc	aagatgtttg	atcatgagt	ctttgagtgg	1440
tatgtggaat	aggagaatat	aaaaacaaat	ctgccaaata	cactagaaag	catttttagta	1500
agaaatgctg	gccctttctt	aaaacatttc	tcttgcata	accaggatgg	gagtaaaaga	1560
tgcccttaata	tttagttttt	gtattgttgg	agacattgat	tttaataaaa	tcctatttat	1620
ctgctgttgt	gtgcttttag	ttgttggata	actgaggtct	cctaaatggt	tcaacataaa	1680
accacatttc	aagtcttggt	tcttttttgg	gtgtcttttc	aagtattcaa	atgtatttct	1740
caacctgagc	atctttttta	tcatatacat	gggagtcttt	taaatgctga	actgtttacac	1800
atgcttgatt	taaaaataat	aataatagag	gaaactattg	gtctagtgtg	gccaagaaaa	1860
gtttctgatg	tttatgtgtg	atgtacagtg	attttgtata	tgcgcccgagc	tttaagaaca	1920
cataaaacta	ttacgtctgg	taggaagatt	gttagtgcct	caagttacac	ctgtgcagct	1980
tgggtctgag	ttttgataga	acagtaaaca	tttaaagc			2018

<210> 3589
 <211> 1490
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1493)...(1133)
 <223> similar to gi4884100 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3589

tttttttttt	ttaaggatga	gaagagat	tttagtattca	gtgttttcat	gagtttcaac	60
atagggatat	agatacaatc	agcttcttac	atagtttact	atctggggag	agaacatgaa	120
agacactgtt	taacagtgc	aataattcca	gggaataaat	atacatgaat	gtgttttttc	180
aaaaatacca	ggttctttat	acaaatgtat	aacctaaata	ctgatcccca	tagtgggggt	240
gggttgtaac	tgaaaggggc	tttgaggaaa	agggctttgg	aataaaacta	ggatcatccac	300
cctagcccaa	agatcccttt	cccagccagg	cacaaaagg	aatttggtta	gggaggaaca	360
gaggtttaac	tggttcaggta	tctttcctaa	ttctggtaaa	ttttcccca	agtgttgaaa	420
aatacccatg	gaagaatcct	taggaatgcc	cagtaacca	gggaatgggg	atatttgga	480
tatccacaac	atcctacagg	ctataatata	ctccgaatgc	cttctcaatg	tggggaagta	540
tgagaagtta	gataattctc	ctagtgtctg	gcttctcttt	tctttgccgt	tccctctcat	600
acgttcaatc	accctgtgtt	acaggacaca	cagtaagtag	tgggaagggt	ttaagacttt	660
gacagcaaag	caaggtcaga	ggtagagggg	aatgtttaac	caatcawtgt	tcaaataata	720
gctactcaat	gaagagtgtt	agggttaaa	agcgagrata	ttcaccatta	ctgagaaatc	780
tsragtttct	cattcaattt	cgcatcgac	tttgtaacca	caaactaaat	gggtgtacat	840
ttttgagtgc	tgattttatta	ctcaaagggt	tgaatttgga	gactgaaaca	aacctgctt	900
tatctgtgta	ctttgagaaa	atccatccac	aagaaaggag	ccaagcgtca	gtttccaatg	960
gggggaacat	tctcatggag	gtactgtaag	gctaagtctg	tccacttcat	ttcttggtct	1020
ttgacagatt	ctgtggtgcc	accattgtct	tggttcagggt	caggaagctc	attcagtggg	1080
attgcgacat	cctcataagg	cagcttgtct	tctcgccaag	catcatcaat	caaataccaag	1140
atccttccac	ctctctgaac	ctcactgtcc	atcttctctg	agctttgatc	ttgtcaaatc	1200
gtacgacagg	cgtccctca	gctgcggctt	cctgcctyca	ggcaggatgt	accaaactgt	1260
gaagcggaga	cggggagggtc	tgggggtgcc	acgcaagtcc	ctttctctcc	gacacgagtg	1320
cagtaaagaa	aaacggttat	gagcgtaaag	tgacagcctc	ggccgatggg	aatagggggr	1380
aagtccgaca	ctgagcaacg	aacgcattcc	cgcgcctcca	aaacctaggc	cgggggcgct	1440
ggaaaccctt	accggcaccc	ggccaccgcg	gcagacgctt	gctcctgcca		1490

<210> 3590
 <211> 2177
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(977)
 <223> similar to gil916617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3590
cggcttcgtg gaagcgggcg aggagtgtta ctgcgtttcc tggccaggag tgccgcgacc 60
tctgctgctt tgctcacaac tgctcgctgc gcccgggggc ccagtgcgcc cacgggggact 120
gctgcgtgcg ctgcctgctg aagccggctg gagcgctgtg ccgccaggcc atgggtgact 180
gtgacctccc tgagttttgc acgggcacct cctcccactg tccccagac gtttacctac 240
tggacggctc accctgtgcc aggggcagtg gctactgctg ggatggcgca tgtcccacgc 300
tggagcagca gtgccagcag ctctgggggc ctggctccca cccagctccc gaggcctgtt 360
tccaggtggt gaactctgcg ggagatgctc atggaaactg cggccaggac agcgagggcc 420
acttcctgcc ctgtgcaggg agggatgccc tgtgtgggaa gctgcagtgc caggggtgaa 480
agcccagcct gctcgcaccc cacatggtgc cagtggactc taccgttcac ctatagtgcc 540
aggaagtgac ttgtcgggga gccttggcac tcccagtgcc ccagctggac ctgcttgccc 600
tgggcctggt agagccaggc acccagtgtg gacctagaat ggtgtgccag agcaggcgct 660
gcaggaagaa tgcttccag gagcttcagc gctgcctgac tgcttggcac agccacgggg 720
tttgcaatag caaccataac tgccactgtg ctccaggctg ggctccaccc ttctgtgaca 780
agccaggctt tgggtggcagc atggacagtg gccctgtgca ggctgaaaac catgacacct 840
tctgtctggc catgctctc agcgtcctgc tgctctgct cccaggggcc ggcttgccct 900
ggtgttgcta ccgactccca ggagcccatc tgcagcgatg cagctggggc tgcagaaggg 960
accctgcgtg cagtggcccc aaagatggcc cacacaggga cccccctg ggcggcgctt 1020
accccatgga gttgggcccc acagccactg gacagccctg gccctggac cctgagaact 1080
ctcatgagcc cagcagccac cctgagaagc ctctgccagc agtctcgct gacccccaa 1140
cagatcaagt ccagatgcca agatcctgcc tctggtgaga ggtagctcct aaaatgaaca 1200
gatttaaaga caggtggcca ctgacagcca ctccaggaaac ttgaactgca ggggcagagc 1260
cagtgaatca ccggacctcc agcacctgca ggcagcttgg aagtttcttc cccgagtgga 1320
gcttcgaccc acccactcca ggaaccaga gccacattag aagtctctga gggctggaga 1380
acactgctgg gcacactctc cagctcaata aaccatcagt cccagaagca aaggtcacac 1440
agcccctgac ctccctcacc agtggaggct gggtagtgcct ggccatccca aaagggtct 1500
gtccctgggag tctggtgtgt ctctacatg caatttccac ggaccagct ctgtggaggg 1560
catgactgct ggccagaagc tagtggctct ggggcctat ggttcgactg agtccacact 1620
cccctggagc ctggctggcc tctgcaagca aacataattt tggggacctt ccttctgtt 1680
tcttcccacc ctgtcttctc ccctagggtg ttcttgagcc cccaccccca atcccagtgc 1740
tacacctgag gttctggagc tcagaatctg acagcctctc cccattctg tgtgtgtcgg 1800
ggggacagag ggaaccattt aagaaaagat accaaagtag aagtcaaaaag aaagacatgt 1860
tggctatagg cgtggtggct catgcctata atcccagcac tttgggaagc cggggtagga 1920
ggatcaccag aggccaggag gtccacacca gcctgggcaa cacagcaaga caccgcatct 1980
acagaaaaat tttaaaatta gctgggcgtg gtggtgtgta cctgtaggcc tagctgctca 2040
ggaggctgaa gcaggaggat cacttgagcc tgagttcaac actgcagtga gctatggtgg 2100
caccactgca ctccagcctg ggtgacagag caagaccct gtctctaaaa taaattttaa 2160
aaagacatat tacactt 2177

```

<210> 3591

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (490)...(41)

<223> similar to gi4096055 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3591
tttttttttt ttacagattt tggcttttat tctggccatc acacatctac ttctaagaca    60
acacagaccg gcagtacccc atcccccatg accactgtca caacccaat ttcctcagcc    120
ccctcctccc accccacccc ttctgccaag ctccccgtat gggggctctg cctacacctc    180
accccgggca tgcagcatga agtgcccgtg cagctccccc aggttgctga aggaatcctc    240
acattccgta cagtggtagg ttccctcctc ctccctcttc tctcctcct cccgcccagc    300
tggtcggccc tccccagccc gaggtggttc ctccctcttc tccccgaggg ccctgccttc    360
aggggctggt gcttcctggg gggctgtagc agggcagcag aacctgcagg gtgggggttc    420
cggtggggcc tccccaaagg gtgagcggcc acagagctgg caaggctggg ccgggggctg    480
ggctgcacg
489

```

```

<210> 3592
<211> 933
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (875)...(252)
<223> similar to gi212659 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3592
tttttttttt ttaacgggaa aggatgagtt acgtttattg ccccatccct tcaactgaatg    60
tttacattaa caaacaccaa agagcaaact gggcttccta cactgggcca tgcagaggac    120
aggccaagaa actccacatc ataacagcct cctgatgcct gggcttggtt ggagctcaca    180
tgaggtgctt tgatttcttc tgcagactct cggtgatgga tgctacaact gacttatcat    240
ctttgtcata gacgggtgagc gtgcagctgc tgcggctcct tgcccagctc gttctccacc    300
agcacgctgt aatcgccgct gtccttgagc gcgcagggtg ggatgacgag ggtgcacacg    360
ccgctggtgg agttgtacca gaacttgag ttggccgtga tgttgacgtc gcccttgtag    420
agggtcactg tgggccgagg gttcccaagg aaggcgcagg tcatgggtgca gtcctggccg    480
cggagcaccg tgtgtggctt gaggggcgtc acgaagcgcg gcgcgtggcg ccagtccttc    540
ttctcgtagg gcttgagctt ggcgtcagg tcctggatct ggtccttatt gatgagccag    600
gtgtccctgg agtcaagtgg ctactgtca ccgatttcac tccgagccac cactctgaag    660
tagtacttcc tgcctgggag cagccccgtc actgtgtact tgttgctgaa gacacgctcg    720
gctgcccgtg accaggtggc tgtgcttgca tcccgttca tgatgatgta gtgagcctca    780
ccgtcctcct gcacatctgg gctgtgggtc caggtcagag tcactgtgtt ggggacttcc    840
tcaacaacc gtaggtttgt ggggggcccga gggaaatctg gaagagttgg aagatctgtc    900
agcgaccttg gggcacctga agtattatgt ccc
933

```

```

<210> 3593
<211> 1779

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (146)...(955)
 <223> similar to gi2462828 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3593

tttcgtcttc	actatggcga	cggtgggggc	tccgcggcac	ttctgccgct	gcgcctgctt	60
ctgcaccgat	aacttgtagc	tggcgcgcta	tgggctgcac	gtgcgcttcc	gagcgagca	120
gcagctgcgc	cgggactacg	gcccgatcct	gcgcagccga	ggctgtgtta	gcgccaagga	180
cttcagcag	ctgttagcag	agcttgagca	ggaggtggag	cggcggcagc	ggctggggca	240
ggagtcagca	gctaggaaag	ccctcatcgc	gagttcctac	cacccggcac	ggcctgaggt	300
ctacgactca	ctgcaggatg	cagctctggc	ccccgagttc	ctggccgtga	ctgagtacag	360
cgtgtcccca	gacgcagacc	tcaagggcct	tctccagcgg	ctggagacag	tatcggagga	420
gaagcgcac	taccgggtgc	ctgttttcac	agcgcccttc	tgccaggccc	tgctggaaga	480
gctggagcac	ttcgagcaat	cggacatgcc	taaggggagg	cccaacacca	tgaacaacta	540
cgggggtgctg	ctgcacgagc	tccgggctgga	cgagccgctg	atgacaccac	tgcgggagcg	600
cttcctgcag	ccgctgatgg	ccctgctgta	ccctgactgt	gggcgggggc	cggctcgaca	660
gccaccgggc	ctttgtggtc	aaatacgcac	cgggccagga	cctggagctg	ggctgcccac	720
tatgataatg	cagagctcac	cctcaatgtg	gccttgggca	aggtcttcac	agggggcgcc	780
ctgtattttg	ggggcctctt	ccaggcacc	acagccctga	cggagccctt	ggaggtggag	840
cacgtggtgg	gccagggtgt	cctccaccgt	ggcgccagc	tgcattggagc	ccggcccttg	900
ggcactgggtg	agcgttgga	ccttgctgct	tggctccgag	cctctgctgt	gcgcaacagc	960
ctctgtccca	tgtgctgccg	tgagcccgac	ctggtggacg	atgagggctt	cggatgatggc	1020
ttcaccgcag	aggagcccg	cacgggtgat	gtatgtgcgc	tcacctgagc	ttgcttgggc	1080
ccagtgtggg	ggtggcaggc	aggtgagggc	tccgttgcc	tggctgggg	gcagaaataa	1140
aatcccgca	gcctactgca	cttcttggct	caacggtgtg	ccagcttctg	ggtcattcta	1200
tggggcaaa	atgctgcctt	agttcaggtt	tgtcagaagc	agggctctgga	atggggcttc	1260
agcgaggag	tcagggaagc	aggggagggg	agggagcagc	tgggcaagga	agtggcttca	1320
gaggacgtcc	agcctcagct	ggccccacgg	agagctccag	gcagagccca	cagtaccaca	1380
gtgtgcccac	accaccggtt	actggctcct	ggatgagggg	gccagagagg	agtgaataac	1440
ttcccagaca	cttacctcca	gggcagggtg	ccttccagta	gccaagggaa	gcctccagag	1500
agcacagatg	tgaaccctca	gcagcaggca	tcacccccca	gtggactcgg	gtggggccacc	1560
agtagcatct	tctagatggc	agaggggtga	atggcagggc	caggaaccag	gctgcccggg	1620
ttcccattct	gcttttgcca	cttccagctg	tgtggcttta	ggtgagcctt	caccttttgg	1680
tgccttcgtt	tcctcattta	gcccctacct	cctagagctg	ttttgggagt	caaatgcgct	1740
gacgtatata	aagtgccttg	caagatcaaa	aaaaaaaaa			1779

<210> 3594
 <211> 819
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (2)...(820)
 <223> similar to gi5410527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3594

```

attttcacat tgcaggtac cagaaacaca gaagactgac acccgccact taagtggggc      60
cagggctggt gtctgcccac gttgccatcc tgatgggctg cttgccacaa tgagggatct    120
tcttcaatac atcgcttgct tctttgcctt tttctctgct gggtttttga ttgtggccac    180
ctggactgac tgttggaatgg tgaatgctga tgactctctg gaggtgagca caaaatgccg    240
aggcctctgg tgggaatgag tcacaaatgc ttttgatggg attcgacact gtgatgagta    300
cgattccata cttgcggagc atcccttgaa gctgggtgga actcgagcgt tgatgattac    360
tgcagatatt ctactgggtt ttggatttct caccctgctc cttgggtcttg actgcgtgaa    420
attcctccct gatgagccgt acattaaagt ccgcatctgc tttgttgctg gagccacgtt    480
actaatagca ggtaccccag gaatcattgg ctctgtgtgg tatgctgttg atgtgtatgt    540
ggaacgttct actttggttt tgcacaatat atttcttggg atccaatata aatttggttg    600
gtcctgttgg ctcggaatgg ctgggtctct gggttgcttt ttggctggag ctgttctcac    660
ctgctgctta tatcttttta aagatgttgg acctgagaga aactatcctt attccttgga    720
gggaaagcct attcagccgc ggggtgtttt ccatgggcca agtcatactc agccctctgc    780
acagagacgg ccaaaatgta tgctgtagac acaagggtg      819

```

<210> 3595

<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (258)...(1366)

<223> similar to gi4586963 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3595

```

ctggtattca tacagtgaca gagggagtgt ttttagaaat ttatagctgt ttctaggtga      60
aaacactggt tgatttagct cccttggttaa gagcactgag cagaaagaag ttccctatca    120
aatgggtgtg tggagcagcc ctgttctccc catcccgtag agctccagga agttaaccag    180
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<210> 3596

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(4917)

<223> similar to gill136426 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3596

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<210> 3597
 <211> 2401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(1608)
 <223> similar to gi4102707 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3598
<211> 1033
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1033)...(331)
<223> similar to gi3746840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 3599
<211> 1471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1472)

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<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1436)...(738)

<223> similar to gi3165570 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3599

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<210> 3600

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(318)

<223> similar to gi2645205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3600

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ccagccccc agcatgggca ggaagaagag gaacaggaca aaggctaagg tcccagccca    180
ggcaaacggg acgccaacca ccaagagtcc agcccctggc gccccaccc ggagccccag    240
caccctgcc aaatcccca aactgcagaa gaaaaaccag aagccacccc cggttctggtg    300
ctgggaccct ggctccaggg ccatgtccag ggctctggtg tttgcctggg ttggtgcagg    360
ttgatgtgct ggctgcaggc aggtgtgacc atctctcgtg cctgccacct ctttgccccc    420
aggctttttt gctgtgaggg agccaccagg gggtgattta aataggttta tttcttcatt    480
tacaagagga atatatattg cttctctctt aagactctga gattcacaat cagcagctct    540
aaaaaataaa ggagcagttt ggcttccgga aggaagagga ggcaacactc ggacctggtt    600
ctgttacaac aagaaaacat cgctggggcc ccgctgaggc tggagtgggg gtggaggctg    660
gtctttggag gatgccaccc ccaccccatc ctcttgtagc gccctcgggg taccacagag    720
cttggtgggt gagtattcca cctgcttaca caccactgaa ggccacagcc aggccagtta    780
cttagggggg caagaaagag cattgtccaa cctggctctt ggggggggtc cccattggc    840
cacaaaggcc tcacccccca ccccatcccc gtaaacagaa accaccttga ttgcagcaga    900
aattcaggca gatgggtagc gcagggggggc taaccccccc acaagcggg    949

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<210> 3601
<211> 1459
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(987)
<223> similar to gi808915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3601
ctggcggggc tgggaaccca ggccccgccg aggcggccag gaggtgagat ggcagctggg    60
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aagggtggtc tgctggatgc ctacgcgcac cccagcaga aggtggcagt gtacagggct    180
ctgcaggctg ccttggcaga gagcggcggg agcccgagc tgctgcagat gctgaagatc    240
caccgcagcg accgcagct gatcgtgcag ctgcgattct gcgggcggca gccctgtggc    300
cgcttcctcc gcgcctaccg cgagggggcg ctgcgcgccg cgctgcagag gagcctggcg    360
gccgcgctcg ccagcactc ggtgccgctg caactgggat ctgcgcgccg gcgccgagcg    420
gctggaggct ttgctggcgg acgaggagcg ctgtttgagt tgcatcctag ccagcagcc    480
cgaccggctc cgggatgaag aactggctga gctggaggat gcgctgcgaa atctgaagtg    540
cggctcgggg gcccggggtg gcgacgggga ggtcgcttcg gcccccttgc agcccccggt    600
gccctctctg tcggaggtga agccgcgccg gcccgccca cctgcccaga cttttctgtt    660
ccagggtcag cctgtagtga atcggcgct gagcctgaag gaccaacaga cgttcgcgcg    720
ctctgtgggt ctcaaattgg gcaagggtgg gcgctcactg cagcgaggct gccgggcgct    780
gcgggacccg gcgctggact cgctggccta cgagtacgag cgcgagggac tgtacgagca    840
ggccttcag ctgctgcggc gcttcgtgca ggccgagggc cgccgcgcca cgctgcagcg    900
cctggtggag gcaactcgagg agaacgagct caccagcctg gcagaggact tgctgggcct    960
gaccgatccc aatggcgggc tggcctagac cagggggtgca gccagctttt ggagaacctg    1020
gatggcctta gggttccttc tgcggctatt gctgaacccc tgtccatcca cgggacctg    1080
aaactccact tggcctatct gctggacctg ctggggcaga gttgattgcc ttccccagga    1140
gccagaccac tgggggtgca tcattgggga ttctgcctca ggtactttga tagagtgtgg    1200
ggtggggggg acctgctttg gagatcagcc tcacctctc ccatcccaga agcggggcct    1260

```

acagccagcc	cttacagttt	cactcatgaa	gcaccttgat	ctttggtgtc	ctggacttca	1320
tcttgggtgc	tgcagatact	gcagtgaagt	aaaacaggaa	tcaatcttgc	ctgccccag	1380
ctcacactca	gcgtgggacc	ccgaatgtta	agcaatgata	ataaagtata	acacggattt	1440
tgatgtgaga	aaaaaaaa					1459

<210> 3602

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2417)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2383)...(2122)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3602

tttttttttt	tttttttttca	caagttatat	tttatttttaa	cacgaggatt	aacatatagt	60
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gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaaatgc	180
ctccaaagtt	tagaattagt	gcaacacaca	tacgaacggt	ttaaagggtgc	tcaacatcag	240
gttaaaatag	aattctggac	cttttttaaaa	agtttttggga	tgatataagc	acaggaggca	300
gagccaataa	gaaacatgaa	accaatatatt	ctggaaaaaac	acttagcatg	aacgtcactt	360
tttgacgtcg	tgtaaacttt	cttctgcaat	gacggatggt	acaaaaaggc	attgagacct	420
ttgcgctgcg	ctggtttagac	aagccgcagg	cttatctcca	cggtgagcag	gataaaaaacc	480
cccaagggaac	agcccatgac	aaccttctgt	gccttttttat	actttcccat	cctacaaagg	540
aaaaactggg	taaaggacaa	gttcctccct	ttcattgcgt	ttctaagaac	ttttcagggc	600
aggttctttt	aaaattagtc	atcttacaac	acaacagtat	tctagcacgg	tggcgaagtg	660
acaggcggtca	gatacggggg	aggaaggaga	cgttcacggg	aaattccaca	ttctactcta	720
tgtgaactgc	tccagaaaaa	tacagacatg	atttcacagt	aggattccca	gagtaaataa	780
tgatacatag	gacaactgac	ctcctctaag	aagcccggt	ggggcagcag	tgagcttttc	840
atggagccac	gcagactggc	ccggaagcaa	cacccagggt	caacatttaa	gagcactcgc	900
tataacattc	tttttggacg	caggtggtgg	aaaagtttaa	aaaacaggcg	gaggagtgc	960
gggggggatac	aagcatatcc	tatactgggg	gtgacgggtca	ttcaaagagc	aaattactgc	1020
agcttatatc	ttttccacta	tgttgcaaga	aatgaatcta	tcctgaccca	taatatgaaa	1080
gatgcgacgc	acatgcattc	ccgaggctct	aaaatcccat	tttaaagaac	cgtttcacat	1140
cctcgtaggag	tggagagtgg	tccacttgac	ttggtgaggt	cagaagttcc	tgaagatccc	1200
tgctgtcccc	gttggcgggg	gagccatttg	tggagctgtg	gggactgcca	cactcaccat	1260
gcacctgttg	gtttgcaggg	acagaggtgc	ggccttgact	cttctcacc	tgtgtcatcc	1320
gggcttgtct	ttcgtctgtc	aagtcagtc	tcctgctgta	ctgatgggtg	caccacgctt	1380
aggtcaccgc	ttgcaggggac	cggaagtcca	tggctctgcc	gcaaccctga	gcggtttgca	1440
gtcccccccg	gggaagaagc	agtcagagag	gctcacgctc	acctacttta	aaaacccaaa	1500
gccacttctt	cttcacctgc	ctgggcctca	gcgtctctgc	gcttggtggt	tctcgtcccc	1560
gagggctgac	tgagctgctc	cggaagggtg	gtgtgtggtc	aaccttggtt	ggctgagagg	1620
agcaatttcc	tggtttccac	aagtaaagac	agcccatcc	cttgggacct	gtcctttccg	1680

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gacatcatcc	ccaggcttcc	gtggcgctct	cggtcacagg	agcttttaggc	caatgggttcc	1860
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gggggggggt	ggtggccaca	gattagggga	cctcagggtt	tcctcaaaaa	cccacacagg	1980
gaaagaaact	tggctctaaa	agcaaactca	acgaattcca	catgccctga	agagcacgtg	2040
ataaaataca	agggtggtgg	cggcgggatc	cctcaaagga	ccacgagagg	cacgggggtct	2100
ttggtgatga	aagtgctaac	ctcggcgggg	tgcggtagct	cacacctgta	atctcagcac	2160
tttgggaggc	tgaggcgggc	ggatcacctg	aggtcaggag	tttgagacca	gcctgaccaa	2220
cacggtgaaa	ccctgtctct	actaaaaata	caaacattag	ccgggcgtgg	tgggtgcacgc	2280
ctgtaatcac	agctattttg	gaggctgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
ggttgtagtg	agccgagatc	atgccactgc	actccagtct	gaacaataga	gcgagactcc	2400
cgtctcaaaa	aaaaaa					2416

<210> 3603
 <211> 1190
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(493)
 <223> similar to gi4056479 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3603	
gcggccgcgcg	tggccgagct
cgcgctgttc	cgggagcgcc
ctgcaaggaa	tacgtagagg
tgtcaccctt	atagtgattg
gactggatat	tctcatgaaa
aatgaaaaga	ggtgaagaaa
actctcagga	agccttcaga
aggagaccca	gctcagcaag
tatacacccg	gataggaata
aggagtccag	catgtgaact
gcaactcagtc	actttcaact
tcctcgtgca	gtgtctaacc
aagggggcct	gaacctgttg
atacttccat	tttataactt
ctttaaaagc	tataaaatca
aatgaaagag	ttttttggca
acaagaccat	tatatccagt
atattttatat	gtatatat
caaaatgttg	ccagtaggta
cttttctgta	tttcccaact
gocgggtgctg	gacgcccgcg
ggtgttcctg	cggcatttcc
aatccccagg	agtttcttac
ctaccatcat	attgagcctt
tcctgagaga	gaaatttata
aggacagagc	ccccacataa
ggcagtgact	ggccctctct
catttttaggt	ccaggtaaca
gtggaaccct	gtggaaccct
caaacctatc	aactctgttt
accttcagtt	atccatgtgt
gaatgtgacc	ttcaatgcct
tcccagcctt	tgaggagtta
tgaggagtta	gggaagcata
cagttgtcaa	aatatgttat
aatgaatata	caaaatataa
acattatggt	atattcagtc
taaggggaca	ggagaacaac
tctgtcaaca	atgtaactgc
aaaagacagg	aaataaacac
ctattat	cttttctgta
aagattagcg	
gagcatgatt	
aatattgtag	

<210> 3604
 <211> 449
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (21)...(160)
 <223> similar to gil408211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3604
 aaaactttttg tttttttttt ttgaaagctg cacagcctga aattaccttt attcaattaa 60
 tgcaaaaaaca aaaggggaga tgttgaggc cgaaggaatg agggtcgtga ccaactcagt 120
 ataccactgg aggtctgtg agcaaacagc aaactgttct catgaaagca ggatgttggc 180
 gaactgacaa actctgtctg ccgccagaag gaatgctggg ggcagtcag tcccagggtcc 240
 cgtgctcctt gaggttatcc acaggaacat ccagaacctc cataaaggca ggccatgctt 300
 atcatcattg cagtatccaa tctgcagtgg tgctggctgc ctgttgtggg tgctcagtat 360
 ttatctccaa gtcccgctt tcgcgcacgc cctgctgctc tcccactcag cgccacctca 420
 gtcccacaaa ggccgggctg ggatcctgc 449

<210> 3605
 <211> 4197
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4198)...(1045)
 <223> similar to gi31438 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3605
 tttttttttt ttctggtcag tgggggcact gggtcagatt tattgcactt gcaacagagt 60
 ttaaataagt cctgggtgtc tggtgccaag gtgaggaag ggttgggcag agagatgagg 120
 ggagcatca gtgcagctgg caggcagaac ccaaattctg caggcccagg acagtgggct 180
 cccctttctc tggggaacag ggagggcctg tgtctggcca ggctgagggt ccagatctgt 240
 tgccatcatg gccccttcag ggtcctggga aattcctggc ttctcctaaa tcagggtgaa 300
 ctgggcctcc aggatcagggt ctggagcagg cccaaatata gtcctggatc tgcttgatt 360
 aggtgccaat gtctgagtct gggttccaga tcaactccag accccagggt ggaatctggc 420
 ccatttgag ttctgattcc ccttgagct gggtctggg gcggccctgg gccagcatct 480
 atccttgtgt ggcatctgtc ctgagctggg cctggggcac catgcatagt tagtgttctt 540
 tgttgcccca ccagggtggg gctgtccaga gctgccagggt cttaactccc caagttccag 600
 gttcttagct gggggcttct ttggatctc tggcaaggct gaggacagat ctttgcagggt 660
 tggagctgga caggaagtcc ttgtggcatg tctggcccaa agaactgtga atggatttcc 720
 tagttatctt tccaagttgt ttcaggaaac tctccaaaat gcaaaggctt caggagggt 780

ggggcctctg	tccctggatc	tgagttcccc	catccatgaa	gagggatatgt	gtaaacaagg	840
gtccttcaca	gtgcatgggg	gggagggatc	cccagctcct	cacccccctg	gctctggccc	900
ttcaagtatg	tctctgggct	ggggagagga	gcttctccct	ggccgtcagc	accttcaaga	960
agtaccacaga	cccctccttt	tcagtagaat	gaggggtggg	ggactgggtc	ttcaggaatg	1020
ggagtctgaa	attggggagga	ctcaggcatc	agaggtggct	ggaggcttga	gctgagcttt	1080
ttccatggcg	gtgccatatg	ggagggagcg	tttgaagaat	ccaagcttgt	agaggatgta	1140
gatgagtaga	cctaggagca	ggaggccaaa	caggatggct	caggatgatg	atccccagtg	1200
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tctttttggg	ggcagctgcc	gaggcaggat	tcggtagggc	atcttcaggg	ctttgtacac	1320
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cagcctgaaa	cactcagcct	ccgggcattt	caggatctga	ggtcccagag	aagcagagct	1500
gcggcttgga	gcttcccgtt	tttgcctggg	gtgcagggaa	ccctcgggat	ccaactccag	1560
gccctttggg	ttaatggggg	gattgggtgt	gcagttgagt	cccgtaaact	tggtcacata	1620
taggagctgc	tgaccttcca	gagcctgggg	acagctgagt	tccagcacac	cctggctaata	1680
ggagctgggg	ccttggttga	tgagctcata	gacatgggtg	acagcaggtc	ccaggctcct	1740
ctccttctga	ggctggtctc	ggggatgcca	gtcgcttact	gggaatagca	ctgcctcagg	1800
cttgagagaca	ccgttcaggg	tgacctgggc	ctgagcctcc	acggagagcc	gaaaggaaac	1860
cacgtcgctt	tgcgagttgt	tgagattctt	gctgaggatc	tggaaagtcaa	actggatggg	1920
tttcttagtg	tcccggagat	gagggactgt	aaaccgaagg	ccaccccaca	gactggctcc	1980
tgacctcatg	gggttgccca	ggtcacacac	cagcaggcgg	ctctggttca	cggcaaagta	2040
gtcacagctc	aggctggaga	agttccctgg	gtgtctgacg	agtcctgagt	actcagcctc	2100
tggaggggcg	gtgacccgaa	gctcagcctc	ataggcgcca	ccctcaccca	cattctgggc	2160
atggaaagtg	aggttcaggg	cattcttgtc	acccaggtag	acatggttct	gctccccaaa	2220
cacttccagc	tgcaggtcag	gcacacagat	gttgtcttct	ccacagtcca	gcaagatctg	2280
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ctccccacca	aaggagagcc	cgatggccac	atcattgtag	ccatcctggg	ccagggtcccc	3000
caggggggtc	aaggagctgc	caaatcggcc	aaactcatca	tggccagtga	gggtaagggt	3060
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cccgctccca	ttgacgtctg	tggcggccac	tgcatagcca	aagtaggagg	ccatctgttc	3240
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ccgagagcct	ttgctgtcaa	attcaatggg	ggtgcactgt	gtggggctgg	caccccaagg	3900
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tcccaccagc	acactgaccc	cgtctgttcc	cggccggtaa	aactccactg	agaatccgaa	4020
gaaggagccc	gggggccccg	agagtactgc	tggggcctcc	gcgtctaagt	tgaagcccc	4080
gaccctgggt	ggcggcgcca	cgagcagcaa	cagcagcggc	acgagcgggg	gtcggcgccg	4140
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<210> 3606
 <211> 2353
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2354)...(697)
 <223> similar to gi602288 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3606

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agcaggaacc	catccctctc	tgcttatacc	cagcaccctc	catcccaggt	tcctttcttc	180
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ggccacagcg	tggggcagag	tccaggtctc	tgtctccccg	cagtgggaga	tctggggagc	300
tcagtgaacc	tcctcaccct	cccttgccag	tatgaaagtt	tgggaagcgc	cttttcttgt	360
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tggacctagg	aagaagctga	gctgaattcc	tccaggggcc	caggtgaaac	cccccagggg	480
agtttctgag	actctagact	tgccatttct	ccacttttcc	ttcccaatga	ctccggtgag	540
cagctcagag	tctgggctag	ggcaactggt	aggacagtgg	ggatctgccc	cagagacatc	600
tgtgggtttc	agatgaaggt	ttccccaaca	ccagattcat	ttatatgtac	acagggcagc	660
accacctgc	ggcaggggga	acagccgctg	ggggctagta	agagtagcca	cccttggggc	720
caaatggctg	ggcggggcca	gccagctctg	ggaggtaggc	ggggctctca	tccaagtggg	780
acaaagggac	tgtgtcctcc	tactgacag	gccggtcaaa	ctcagccttg	agagctggac	840
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cgtaacgctc	accagccacc	ttctgcatga	tgcccttctc	ataatagtat	cggagcgagc	960
ggctcagctt	gtcgtaatte	atggctggcc	ggttcttctg	gatgccccag	agcctggcga	1020
cctcctcagg	ctcaatgagc	ttgaactcca	ttccccggcc	cgtccaggca	atgaaatggg	1080
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gggctggagc cgcggggggt accgagcatg ccctggagcc cgcaccgagg gccgcggggc 2280
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gcagcagaca gtt 2353

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<210> 3607
<211> 2658
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1981)
<223> similar to gi3201589 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gctgagctga atgaccccc gagcatcctc ctctgactg ggccaagccc aggggtcact 540
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gaactgagct gcgcacccgg ggtatctgat gccgtctca tcctgcaggg tccccctac 780
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<210> 3608
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(844)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (71)...(489)
 <223> similar to gi2088669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cttcgctgaa	gaagagagaa gcaagtacga ctacctcatg atccttcgca ggggtggtgaa 300
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cttctagatg	taggcatttg gctttttaaag gggaaactcag ctctgattct gcnnnnnnnn 660
nnnnnnnnct	ttggggcccc catggaaagg ggtcaacggg gaatcaggac ccaccctaa 720
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ttttccaaaa	taaacactac cttgtttggc cccaaactta agcagggggg ggtggggcctt 840
tgg	

<210> 3609

<211> 3965
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3966)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(3504)
<223> similar to gi5689573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3609

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<210> 3610

<211> 1539

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(683)

<223> similar to gi971251 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3610

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<210> 3611
 <211> 2972
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2973)...(1101)
 <223> similar to gi4835895 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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```

```

<210> 3612
<211> 2408
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2409)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2410)...(784)
<223> similar to gi5305448 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3612
tttttttttt ttcgagataa acctttttat ttatttatgc ttctccattt tgtttaaaac 60

```

aacaacaaca	accaccttaa	tgtaactgac	agcccttccc	cctcaccctg	cctcgggctg	120
ggggtagtta	atggggaaat	ggcccccagg	gtggggctga	ccagaagagc	ccctcaagga	180
gctcatggag	cccaaattccc	ctgccctggg	gaggggacct	gtagtgtgtg	acgggagcct	240
ctcccagagc	tctgcttgta	ccatcaaaga	tgcccttggc	caacaagggg	caggaagcat	300
gggggaggga	tttcggcctc	ctctgtccct	acccagccca	atctcacgag	cagggctggg	360
gggtttaaaa	aggggtggagc	gggtgggggt	ggctcacacg	aaggagtact	ggttgttaaa	420
tggcccttgg	ggtggccccc	ttcctctcca	tcacccccct	agtggtgact	gctgcagctg	480
caccaatttg	gggcaccccc	gcgtcccccac	caggacccag	gcgcccttgg	gcctcttgag	540
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ccaggggccc	agcggaggag	ggaggggtcaa	cggtcccccg	ccactgcagg	atgccacgga	2340
ctgagcctcg	gacagagcga	cccactgaac	gcagggaaaa	gcgcttcttg	agcttcggct	2400
tggaggag						2408

<210> 3613

<211> 2204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1803)...(980)

<223> similar to gi4218005 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400>	3613					
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tttaaaacgg	cccccccttt	tttttttttt	tctttaacaa	aattttttatt	taataaatgg	180
ttaaaatcgc	agtgccaaaa	atacattgac	atttagcaat	ttcactgaaa	ggaagaaact	240
acagaatgca	cggtttcaga	aagctatttt	aagttattta	caaataaagt	atctaaaact	300
caaaaacagg	ctctgtatgc	tatatctagt	ttatcccttc	ccgaacaaaa	tttctgttat	360
ttggggcaaat	tcttaaacca	tgggttaaac	cgtaatgggt	acaaaccaca	aacacatcca	420
tccagagact	gaaaccgttt	ctatccggtc	agtggcaaaa	ctggtgaaag	ggcaatagtt	480
gaagctgttg	ggttttatat	agtgtgaact	ctgataaata	ttcctaccag	gactaaaaca	540
cagcacgctt	tgcgggcatg	gctgactcac	aaaggttgta	acaaacaaga	actactcttc	600
actcgacacc	atggctcaga	ggccaccgag	aagcacgagt	gactgacagc	tcctctgctt	660
acaaacgaat	gaaacccaaa	gtggatgtcg	ttctcacagc	actgaaagtg	cttcaggact	720
cacactgatc	caatactaac	tttcttccct	attttacaca	tatttttcta	ctgtccagtg	780
gaaatcattt	tctgttttgg	ctaaacaaca	aatactagtt	tataacagga	atggtaaaat	840
ctgtgagaat	tctgctcaat	ttaatacaag	atcactactt	cttttagaat	ggtttctgcg	900
tgtttctacg	tcacctctcg	tatttttagc	ttccagtttc	ctggtaagga	ataagttctc	960
cttcccagtc	acactcgggg	tcattttacac	gtttctggga	tgcccctgtg	cgtccatgga	1020
ggccagggtgc	gtgcagtgac	tcactctgcc	tcttccctct	tctcaggacc	agtccccgaa	1080
ccttctgcct	tgcagatcct	cctgtttccg	ccacactctc	gcgctcgga	gcgagctcct	1140
ggatcataca	gctgcaaggc	tggccgggtc	ttgtttgcca	gtcgtctctt	tctgggtgct	1200
ggactgtcgt	cacacctctg	cgctcttccc	agtctctcca	tggcctcccc	cggagccccg	1260
ctgtctggc	tccccttctt	ccctctgtct	tggccagggtc	ctttccccca	tctctgctca	1320
tcctcactcc	ttctggaaag	ccgttcaggc	tcgtgggtgag	ctctgtgcct	cctgccgtca	1380
tccacatggt	atctttgtgc	ttcagattct	tgttcttgag	atctctccac	atccctgtgc	1440
tctttatcac	tgccgctgtg	tgacgtctcc	tggggctcct	ccagcgagcc	ttccatgggc	1500
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agcgggcgca	gctgctcctc	cagctgctcc	ttggtgaggc	ccggaggcag	gcggcggatg	2160
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<210> 3614

<211> 823

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (777) \dots (278)$$

<223> similar to gi5019453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3614
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cagatcacaa agcgggtctc cctgtgctgc ttccttctgt gttttctagt ctctcccca    120
ggggctgccc agggccctca ggaactgagt gtgggcaaga cactgctggg ccagagggca    180
cgacgcccac gtgggcccggt attgcccagg ccatttggca gtgcagagcc ccccagcct    240
ccagcaggag ccccttgcca tgagctctcc cctcaggggt cctgagcaac gtccctgcca    300
gggctggtgg gtggcagcgg gggggcagac acctcgctga ggctcctgcag cagagcttgc    360
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aaagccagct gcagggcagc ctccagctcc tgcacgaggg tgctccactg tgccaggagg    480
ctgagcgctg cgggctggat gtgctgaacc atgaccgggt ggatgagctt ccgctggcgg    540
tggtaggggc tgaaccagcc agtgacatac ctggtgccct ccagcagcgc atccacagag    600
ctgcgcagat ggaggctgac ttgtgtgaca agggcaagga tgttgctgcc aggggaaggag    660
ccggcccccct ccctgcggag agccctgctg agaacagctg tctccacggg cgggggaagg    720
ggaggggaag aaggggacag ggagggtgctc agggtgcttg cctaacaggg tccgtttttt    780
ccaggctgga aatcccagga aggttctcca ctttcgcttt aac                                823

```

```

<210> 3615
<211> 4033
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1370)
<223> similar to gil945155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3615
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cctggggccc caggaccggg agggccgctc gggaccagta gcagcggctc caaagcctcg    120
gggcccggca accctccagc ccaggggggac ggcaccagcc tctcccccaa ctacaccctg    180
gaatccacgt cggggaatga cggcaagccg gtctccgggg gcggcggccg gggacgggggt    240
cgcagaaaaa gggacagtgg tcacgtgagc cctggcacct tctttgacaa gtactcggcg    300
gctccggaca gcggggggcg acctgggggt agcccagggc agcagcaagc gtcaggcgca    360
gccgtcgggg gaagctccgc aggcgagacg cgcggggcac cgacgcccga cgaaaaggcg    420
ctcacgtcgc catcctgggg gaaggggggt gagttgctcc tgggggatca gccggacctc    480
attgggtccc tggacggcgg ggccaagtgc gacagtagtt cgccaaacgt gggtagattc    540
gctcggacg aggtgagcac gagctacgcc aatgaggacg aggtgtcgtc cagctctgac    600
aacccccagg cactagttaa agcgagcagg agtccccctg tgaccggctc gcccaaactc    660
cctccccgtg gggtaggcgc cggggaacac ggaccgaagg cgcccccgcc cgccctcggc    720
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cagcagttca gcatctccga ggaccagcct ctggggctga aggggtggca gaagggtgag    960
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gaggcgggtc agagcgccat gagcaccatt gacctggact cgctgatggc agagcacagc   1080
gctgcctggt acatgcccgc tgacaaggcc ctggtggaca gcgcgacga cgacaagacg   1140
ttggcgccct gggagaaggc caaaccagg aacccaaca gcaaagaagc ccacgacctc   1200

```

cctgcaaaca	aggcctcagc	atcccagcct	ggcagccact	tgcagtgcct	gtctgtccac	1260
tgcacagacg	acgtgggtga	cgccaaggct	cgagcctccg	tgcccacctg	gcggtccctg	1320
cattctgaca	tctccaacag	at ttgggaca	ttcgtggctg	ccctaacttg	aatgacaaga	1380
aagatccccct	cctctaccag	gcccttcctc	tccccctgtc	tgtttccttc	cccctcaacc	1440
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ttttcctcta	ggttggtacc	tgcttagtgg	catatggacc	ggaaagggtt	aatttaaagg	1560
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catgtttcgg	taatcttggg	catacat ttt	ttaagatgga	cctctttgcc	ttgttttggt	1740
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aattgtcatc	acaatgttat	atattgacac	cccagtg tca	tcagtcaggc	aggagccaaa	1980
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cgggcatccc	agggaagaag	gaggggactg	cgtgtatctc	ctccacctct	cccattccat	2460
ccccag tcca	gcctgggcaa	ccccaccctc	gggagggatg	aggcacctc	ttgctcagcc	2520
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gaaagagaat	agaatgaaat	gactttgatt	cctgcgcctt	ttagttttga	actctggaat	2640
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tttttttctt	tcttttttaa	aaaaatatgt	aaagtgcagt	cttctgtatt	cctgcatatt	3960
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gaaaaaaaaa	aaa					4033

<210> 3616
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(211)
 <223> similar to gi4680669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3616

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tgaactgggt	gggcttcgcc	ctctgcctct	cgggaatata	cctccacgtt	gccctcaaag	180
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ata						1203

<210> 3617
 <211> 4826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4827)...(2413)
 <223> similar to gi5689489 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3617

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<210> 3618
<211> 818
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (58)...(464)
<223> similar to gil237278 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3618
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agcatccacg caggatggct ctccaggtccc agtcacagac gtcgttttct gggatttcag 720
cacgatgcct ccatagttga aagactacac aaaaagccac aatcattgcc cggcctcctg 780
agtcaccttc tatctatact ttgcttaaaa gctattcc 818

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<210> 3619
 <211> 4364
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1682)
 <223> similar to gi3327120 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3619

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cccgaccat	gcggctgggc	agtcctggac	tgctcttcct	gctcttcagc	agccttcgag	180
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<210> 3620

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (104)...(335)

<223> similar to gi3219340 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3620

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gcattgattg	tcctgacccc	acagtttctg	tcccatgaca	aggaccagct	gactaaggag	300

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taagtgccaa gtgaattcaa ggaacagtc aaaggatcca tggcctcagt caccatgaag 480
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<210> 3621
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (287)...(771)
<223> similar to gi897849 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gcccttgacc aaggagcatg gaatgcatca cctatgtttg aacaagggcg ccagatgacc 120
tctgcgagcc cagggtttgg gaagtgctga tgtggagcca caggacttgt tttagggcgt 180
gtggggcggtg tgtgtgagtg ggcttctgca ggtgggcagc cagcgggcac aggcgtggag 240
agcatgggtca cccatggaga caccgctcac ggggactttc ctttggcccc acatcccgca 300
gggtctcttc ttcgatgatt cctatggctt ctaccaggc cagggtgctca ttggccctgc 360
caagatcttc tccagcgtcc agtggctgctc aggtgtcaag cccgtgctca gcaccaagag 420
caagttccga gtgggtgggtg aagaggtgca ggttgtagag ttgaaagtta catggattac 480
caagagtttc tgtccagggg gcacggacag cgtcagcccc ccacgtctgt catcaccag 540
gaaaacctag gcagggtgaa gcgtctcgga tgctttgacc atgctcagcg gcagcttggg 600
gagcgtctgtc tgtatgtctt cccagccaag gtagagccag ccaagattgc ctgggaatgt 660
ccagaaaaaa actgcgcca gggggagggc tctatggcca agaaggtgaa gcgcctgttg 720
aagaagcagg ttgtgcggat catgtcatgc tcccagaca cccagtgttc ccgggaccat 780
tccatggaag acccagac 798

```

```

<210> 3622
<211> 1708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1709)...(510)
<223> similar to gi434779 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3622

ttaaaagtca	cactagataa	gacatcttta	ttacttaatc	tttaaaacag	gtcactgtgc	60
ctattcaatt	ctgaaactgt	ttgttttctt	tccctccccc	gcactccgc	tctgatacac	120
aaacttggtg	taaaaataat	gcagaaacat	atacgtcaat	ctaagtctct	gaaatatggc	180
caactctacc	tcgccgtata	tccaacatta	aaaagaaaaa	aaaaggctgt	ttaagaatag	240
aactcattcc	cggtttccac	caaattattt	ccctaattct	taaatcctca	aataagttct	300
taatctccaa	agtctcggtt	gtgggaaaaa	cattaatttg	tgcagtccaa	cacttacata	360
ctttcttgac	ggaagggcaa	tcctgtccct	ttaaactcaa	tgaaggcagc	ggccagggtcc	420
ttctgagtcc	ccgtataatt	gcctagaact	taacatttag	tattcatagt	ccttggttta	480
cagacgggtc	cgacagttag	aaactattac	ttcctcctct	ttcctcctgg	gcgctgtcct	540
ccttttctct	tgccacccaa	gccaggcggc	ccagaattca	tcttgccctc	caagccccct	600
ttcctcttcc	ctccctggct	gggcggggccc	cctttcctct	tgcccccagg	cccctgcccg	660
cctccctttc	tcttgccctt	ctgggtcatt	ttcctcctct	tggcggcctc	ctcctgggtcc	720
tcctccctca	tctgcttatt	ggtggcccta	gtcacatcca	gcttgaggct	tcttgctggt	780
catgacacga	agcagctcca	actggttctt	tttctcggtc	gcaaagtccc	cgaaaagggg	840
ttgaaacttc	cttttcttgc	cggagccccg	gggcaccttc	tccttgggga	ggcgctcctg	900
aaagcgcccc	acagaggcgg	tggagacctt	ggccacttgc	atggcgcggc	ccagctcctc	960
cttactctgg	tgtccggtag	ggtgcaagcc	ggccgcgctg	ggcagctgca	tcttggtgcg	1020
gcggggccagg	ttacgcagcc	ggttcagctc	gttcttgggc	accctttcct	tcttggcctg	1080
aatccgcttg	gcgaactgg	cctccaagg	gtcggcattg	ccgggcacct	caatcagcca	1140
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ctcgtcccac	accagggttg	tcttcttctt	gggacggatg	cccttgaggc	gcgcgaactg	1260
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tgggctccgg	cagccgcgcc	actatcgctt	cttccacgcg	ctccgtgggc	agctgccaca	1380
gctggttgat	gagcagttgc	gtgttgctcc	gcgccagggc	ctgtagctcg	gcctccggcg	1440
tgggtccggc	gcaccgcagc	ccggtcgggg	ggttccggtc	cgacgccagc	aggttgccca	1500
ggtcaaactg	cagctccagc	tccttggtga	ccgtgatgcg	ttgcaacttc	tctgcctcgt	1560
cctgctctgc	ctttgcgagc	agctcctcca	cgtctctggc	ctccatggct	ccggtcgggc	1620
tcaactcgctt	tggggctgca	gctgaagtta	cttttccctac	agtggcgggc	caaactccgg	1680
cagcataacc	acgtgcagat	gccgggat				1708

<210> 3623

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(500)

<223> similar to gi506664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3623

aaccggatgc	tgtagctcac	ggacaccccc	ccccccaaga	cacatatgat	ccaccattcc	60
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acactgacct	ggcagcagga	tgaagaggac	cagactcggg	acatggagct	tgtagagacc	180
aggcctgcag	gggatggaac	cttcagaag	tgggcagctg	tgggtggtgc	ttctggagag	240
gaacagatac	atgtgccatg	tgcagcatga	gggggtgccc	gagccccctc	ccctgagatg	300
ggagcagtct	tctcagccca	ccatccccat	cgtgggtatc	gttgctggcc	tggttctcct	360

tggagctgta	gtcactggag	ctgtgggtttc	tgctgtgatg	tgcaggaaga	agaactcaga	420
tagagtgagc	tactctgaag	ctgcaagcag	cgaccatgcg	cagggttctg	atgtgtctct	480
cacggcttgt	aaagtgtgag	acagctgcct	tggtgtgggac	tgagaggcaa	gatttggttca	540
cgccttccct	ttgtgacttc	aaaaaccctg	actctctttc	tgcaaaggca	cctgaatgtg	600
cctgtgttcc	tgtaggcata	atatgaggag	gtggggagac	caacccaccc	cctgtgtccac	660
catgaccctc	ttccctcatg	ctgacctgtg	ttccctctcc	aataattaat	cattcctgct	720
ccatagacgt	gaggctgaga	tgtctccatc	tctgtctcaa	ctttatgtgc	actgagctgt	780
aacttcttac	ttccctatta	aaattagaat	ctgagtataa	aaaaaaaa		828

<210> 3624
 <211> 4530
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(2018)
 <223> similar to gi307121 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3624						
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cactccagct	ggcgctgtga	tggtggcccc	gactgcaagg	acaaatctga	cgaggaaaac	120
tgcgctgtgg	ccacctgtcg	ccctgacgaa	ttccagtgtc	ctgatggaaa	ctgcatccat	180
ggcagccggc	agtgtgaccg	ggaatatgac	tgcaaggaca	tgagcgatga	agttggctgc	240
gttaatgtga	cactctgcga	gggacccaac	aagttcaagt	gtcacagcgg	cgaatgcac	300
accctggaca	aagtctgcaa	catggctaga	gactgccggg	actggtcaga	tgaacccatc	360
aaagagtgcg	ggaccaacga	atgcttggac	aacaacggcg	gctgttccca	cgtctgcaat	420
gaccttaaga	tcggctacga	gtgcctgtgc	cccgacggct	tccagctggg	ggcccagcga	480
agatgcgaag	atatcgatga	gtgtcaggat	cccgacacct	gcagccagct	ctgctgtgac	540
ctggaggggtg	gctacaagtg	ccagtgtgag	gaaggcttcc	agctggaccc	ccacacgaag	600
gcctgcaagg	ctgtgggctc	catcgccctc	ctcttcttca	ccaaccggca	cgaggtcagg	660
aagatgacgc	tggaccggag	cgagtacacc	agcctcatcc	ccaacctgag	gaacgtggtc	720
gctctggaca	cggaggtggc	cagcaataga	atctactggg	ctgacctgtc	ccagagaatg	780
atctgcagca	cccagcttga	cagagcccac	ggcgtctctt	cctatgacac	cgtcatcagc	840
agagacatcc	aggcccccca	cgggctggct	gtggactgga	tccacagcaa	catctactgg	900
accgactctg	tccctgggac	tgtctctgtt	gcggatacca	agggcgtgaa	gaggaaaacg	960
ttattcaggg	agaacggctc	caagccaagg	gccatcgtgg	tggatcctgt	tcatggcttc	1020
atgtactgga	ctgactgggg	aactcccgcc	aagatcaaga	aagggggcct	gaatgggtgtg	1080
gacatctact	cgctgggtgac	tgaaaacatt	cagtggccca	atggcatcac	cctagatctc	1140
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gagacagatg	gtcagtctgg	aggatgacgt	ggcgtgaaca	tctgcctgga	gtcccgtccc	2040
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aagcattgcc	tgccagagct	ttgtttttata	tattttattca	tctgggaggc	agaacaggct	2160
tcggacagtg	cccatgcaat	ggcttgggtt	gggatttttg	tttcttctct	tcctcgtgaa	2220
ggataagaga	aacaggcccg	gggggaccag	gatgacacct	ccatttctct	ccaggaagtt	2280
ttgagtttct	ctccaccgtg	acacaatcct	caaacatgga	agatgaaagg	gcaggggatg	2340
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cctggccctg	cctcatccac	caatctctaa	gccaaacccc	taaactcagg	agtcaacgtg	2460
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gaatcatgac	ccaccagtg	tctttcgagg	tgggtttgta	ccttctttaa	gccaggaaag	2580
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tcaccaaagt	atgccacttc	ccagaggcag	agcctgagtc	actggtcacc	cttaatatatt	2700
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ggccgaggcg	ggtggatcat	gaggtcagga	gatcgagacc	atcctggcta	acaaggtgaa	3240
accccgctct	tactaaaaat	acaaaaaatt	agccgggcgt	ggtggcgggc	acctgtagtc	3300
ccagctactc	gggaggctga	ggcaggagaa	tgggtgtgaa	ccgggaagcg	gagcttgacg	3360
tgagccgaga	ttgcgccact	gcagtccgca	gtctggcctg	ggcgacagag	cgagactccg	3420
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aaaaatgaat	ttggccagac	acagggtgcct	cacgcctgta	atcccagcac	tttgggaggg	3660
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catctctaca	aaaaccaaaa	agttaaaaat	cagctgggta	cggtggcacg	tgctgtgat	3780
cccagctact	tgggaggctg	aggcaggagg	atcgccctgag	cccaggagggt	ggaggttgca	3840
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aactgttatc	acttatatat	atatatatat	atacacacat	atatataaaa	tctattttatt	4260
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ttattgcctc	tgaaatgcct	cttctttatg	tacaaagatt	atgtgcacga	actggactgt	4380
gtgcaacgct	ttttgggaga	atgatgtccc	cggtgtatgt	atgagtggct	tctgggagat	4440
gggtgtcact	ttttaaacca	ctgtatagaa	ggtttttgta	gcctgaatgt	cttactgtga	4500
tcaattaaat	ttcttaaatg	aacaaaaaaa				4530

<210> 3625
 <211> 2343
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(2344)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2090)...(1160)
<223> similar to gi3820985 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3625

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tttttttttt ttatgtggat aatattttatt tgtatcttat ctatagaaca aatattttaca      60
gatacaaacg gaatcacagc aaagtttgcta taaaaccatc cagacctctc gatggccact      120
tctgaaaaca tccacggtga agggcagggc caggcctggc tgtggagtgg gccagctgag      180
tacctgggcg tcagccaagg gaaatggttg gggattatgg cttcagcact ctgccggagc      240
acattcctga gcgctgacaa cgtggagccc tcaccgcccc cacctacccc aacctcaatg      300
gggaaggaaa ggggcctgag ctgggcaggg ctgcccgggc tcaactatgtg cctgctccag      360
gagtccttg cccctgtgct ggcaggagca tccctgagct ggaccgggag gcctctctgg      420
cctggggctg ctccctgccc ggcaggctgc tgtttggcag ctggaggtgg caagagctgc      480
tggtgctgcc agggcggtgt ggccagggaat gagctcccag ggcagccctg aggaaagggt      540
cttaggaagc gcctcccagc tcaactactag gagctgggga ctgtcagtgc tgagtggggc      600
tggggtacag gagcacctgc ctctcctttc tttggcttag aagtggggaa ggaagggccca      660
ggaaaaggga ccaaagccgc cccagccttg gcccctaggc cgcctgggga ctgtgtgtgt      720
gctgaggggg cagtgggagg tgggcagctc tggagttccc tgcaccctgg gatccttggg      780
ctgctctcac tcccggggtc ccagcagggc aaggcctctg cttgggacca gtgctgctct      840
tcctcgctgc ttactccagg aggtgaaggt gacagggcgg caaggagagg taaccacagc      900
atggctgggg acaggcgcta cactgggccc cggacccagc acagggatca cagtgtcggg      960
ctcgcgca caacctctggc cacatgtgca caccacatac atccacacgc acctccctcc     1020
tgtctggcgg gaggtcatt ctctctcgca gccactcgcc ctctctgcct ctcacatatg     1080
cggtcacaga gtgaatccga gcatcttatt gctgcagggg gcagggggcgt cggcatcagg     1140
gaaagttaat ccacgaagag cgagaacagc accattacca cgatgcccgc acagagcaga     1200
agcagctgct gcagggagcg ccacgggtcc tcttcttcca agaggtcagg gagcacgttc     1260
accaaggcga tgtagagaaa gccgccagag gtgaagggca ggaccagggc tgccgtctcc     1320
tctactccct tgggggactg ggtacagatg gcgaagccag cgcccagtag gccccccagc     1380
gctgttgaga gttgcagctt ggctgcgctc catcggtcaa agccggcccg gagcaggatg     1440
gcaaagtcgc ccacctcatg ggggatctca tgcaggagga tggccatggt tgtcaggagc     1500
ccgatcttct tgctcacaag gaagctggca gccacagcca gcccggtggg gaagtatatc     1560
atggtgttgg ccagcaggtt gaggtagccg ctgactttga tgctccggac cacggcaccg     1620
aggccgggct ctgcagccgg ctgggccaga cagtggcctc cattgagcgc ggccggcagc     1680
gcagtggggt ctttgttggg ggccctggctg gtcccctcct ccttgtctgc caggaacatc     1740
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tgctgcaggc tctgcccctc accaccaggg ctggcgctgc acgtgtaggc ccaggcttcg     1860
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agcaacggga agacccact gagccccacc atgaggggaac ccaggaggga gcagatccag     2040
gtgtccagcc gctctccgct cagcagagcc ccccaggact cgctttcctt gttgtccagg     2100
cgacaggccg tcgcagtccc ccggctccgg agggccggct gggaaccccc agcccttccc     2160
aagagctcca gggcaagggc agtgaggaag aggagccttg ggcccgccat gccacagcca     2220
gggcagggac atccaggcat gccacgtacg tgcggcggcg gcggcggcga tccgggcggc     2280
cccagcccgg gaattcggtg ncggtcgtcg tgcgtacggc ttcaatnatc aaannngngc     2340
acg                                                                    2343

```


<210> 3626
 <211> 1325
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (249)...(465)
 <223> similar to gi2564001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3626
 gggaaagtga gtgctggcca ggctggggcg gacagaacac ttcgacgggc tccggagccc 60
 agattcagcc aggaaccac aggcaactcg gcctaccccc agctgaggcc ctttttggac 120
 ccgcagggga gagatcttaa acccagcgct ttggtccac ccacccgctc ccacactggg 180
 aggagaccat ggctccacac acagcccctg ccaggcccac aggggcgggc atgggggccc 240
 acctgcctcc tgcattgtgtg gacagggtcc tggagagtga ggagggccgc agggagtacc 300
 tggcgtttcc caccagcaag agctcggggc agaaggggag gaaggagctg ctgaagggca 360
 acggccggcg catcgactac atgctgcatg cagaggaggg gctgtgccc gactggaagg 420
 ccgaggtgga agaattcagt tttatcacc agctgtccgg cctgacggac cacctgccag 480
 tagccatgag actgatggtg tcttcggggg aggaggaggc atagaccgtc cggagcagtg 540
 gggcctctgc cagcccttgc agctgcagcc catccctggg ccatgtccc tccatcgagt 600
 gcccgggtgt tgggggagga gggcagggac agggaggagg ccacagtcag tggccgggaa 660
 cctggaagct gcgctgctct gcgcctcttg gcctcactgt ggacagagga gtcaggcccc 720
 ccccaggagc ctccagctgc ctaaccagt ccattcttcc acaacacgat tttctacaaa 780
 tctacagcac aaccgagttt gtaaccctg ggttagtatg aggaccgggt tcgtgtactc 840
 tctgtatctc ctcttaagct tcgtccaggg ttctttatct ttgtctgctg ccaatgtcgt 900
 ctgcgatgcc tgcacctcg catgcacgt gccgcgatgc cagctgccac gctgtagcca 960
 cagaccctt gctcgggcct caccacaggc caaactccaa acacaatcag aaccagccaa 1020
 agaagcactt cctgggcacg gccaccagct ctcccgctc cagtgtgggc cggctcctgc 1080
 agggtcagag ggctgcatct ctaccagcca gccagggct cttcccaggg tctcgcatte 1140
 aagggaattt acatttttaa aagaaaaaca gaaaaagggt aatcacaaaa ccaaccctca 1200
 cttcacaggg tctgtaagtc actcatagaa ctttgcctt cccgagacag ggtcccttcc 1260
 ccagctcagg cacaacagag tctggcaggc tctggcacc tgggcctcct ccgggagcct 1320
 cccat 1325

<210> 3627
 <211> 1458
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1424)...(490)
 <223> similar to gi3881305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3627
ttttttttttt ttcaggctta aataacaaaa tatatttcag atatgcacag ttttaactga      60
ggactacaca agccttcctc gggctgcagg cccgccgccc tcccagtggg attcacagcc      120
cctgcggagt ttgtcctcac gcacaccaca cacgatcggg tataaaacac attctataaa      180
cacgttctga tgcaaaactgt gtgtccataa atatataatt atgcaagttc ctcccaccca      240
ctgcagggcc gtacagctct ggggacagga ggtcacagcc gactttaaac cacagggttaa      300
gtagaagggt gcagggtcaa tagaagttcc cgtgtgattg catcacccaa cggcactgtt      360
ctgtcatcag gaaatgctga gtgcccgcgg tggccgggtg ggcgcggggc gtggtcagac      420
gctgctctgg agctggctat ctgtggcact gtcaggggct gaggactggc tgggcagaca      480
agtttccagg ccatctgaag actccgacag gggcttgtat aagaagcagg ctatggcaaa      540
gaagaggacg cccagcacct tgtacaggag ccccatgatg agtatgtagc ggctcatggc      600
cgaattctgg tacaccaagc aggagccctg ctggccacac tggtcctgcc acagcagaca      660
ggccttgctg atcacccagc cgaaggcgat gggccccggg atgcccccta gtattctaac      720
tacaatccac tggattccca gggcaaagga tctctgaggg tcacggacac atcgtagagt      780
tgccgttagt gcagggaatg tgctgaggaa tgtaaagaaa attacaacga atatgaaaac      840
cagaaggagg ggctttctct gacaagttga agtgcatttc cctgcagtgg catggccaaa      900
accagaggaa agattctgag ggatacagct acagtctcgg tacacctggg aagcccaaca      960
atagctccga ttacaagggg aaggcacggg ggcccccttc cagggtccag gggaggacag     1020
gggcggtagg cagcggctcc actcaccttc tggccgtcca cattcgtctc cgtggctgca     1080
gggcaccctg cgtggcacag tgagaagtac atgaggccgt ccgagccgca cacagggctg     1140
tagtgttctg gctggcagct gcaggcagcg ttgcagggag ccgttaggtt cagggtggcct     1200
tcgggcagga ggctcccggc gtagctggct gtgacgcccg ccatgggcac actggggcag     1260
tgcagtgaga agacgaggat gccagcagg ctgacaacgg tgcagaacag gcagaacttg     1320
atgaccgcgg agccccggag cctgagcttg ttcaaaaga agccgccag gaaggtgccg     1380
ccaccaccgg ctggcaccac caggtaccca aacaagggtg cagcttctga ggcactcagg     1440
cgaattccac cacacgga                                     1458

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<210> 3628
<211> 910
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (730)...(242)
<223> similar to gi755646 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3628
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ttgcccctgt cctgtgtcag ccagctgtgg caatttcacc cttattcctt ggagaggcca     120
gctgcctgct ggaaggagtc agaagtgcgt ggatgtcatt gaggccttgg aggccccagt     180
ctggcgggag agaaatccac acctgtgcct ggagttctcc ttccctgacc ctctgaaccg     240
gcgcttaaaa tgctgtcccg cctggaacag ggaggccaca tccagcagtg cgtcctcaat     300
gtgctgcccc agcctgtggg aatccgtttt tgtgcttgat tttttgctgg agatgtggaa     360
ggtgatcatg ccatccccca tgaagatata agaaacacca taacctggg catcagcagg     420
ccgaatcca ccgcctgagg aaacatagtc cgggtaattg tggacgtcaa acagatgcat     480

```

ttgctgaaca	gggatctggc	tgggtggacag	ctgccactgc	tccgaatgga	cctggggtcag	540
gaagggcgac	tgcaggtgga	ggaatcggga	cacgatgtac	agcgcaaaca	ggtggcggtc	600
aactccctgc	ccgctcatgg	ctgccttcag	cagagcctgg	tgcttgtcca	ctgccacgcg	660
gaacagggcg	aggcactgtg	ggtcctgcag	tccccaggga	ggtcacaggt	catggaaaga	720
caggaagtgc	acttagggct	gggcctgcgg	cacatctggc	ctcaactgag	tttgccacat	780
ccctgcaagg	tgggaatatc	aacccccattt	tacagatggg	gaactgaggg	ttagagaggg	840
gaaatcattt	ggccaggttc	acacagccag	ggagagccag	gcggggttcct	aggtgtgtct	900
ggccccagag						910

<210> 3629
 <211> 2127
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (70)...(1106)
 <223> similar to gi2088669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3629						
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cccattcacg	ggcgcgga	cttccccacg	ctgagcgtgc	agccccggca	gattcgtgca	180
ggtggtccgc	agcaccctgg	aggagcaggg	actacatgtg	cacagagtgc	ggctgcatgg	240
ttcagctgcc	agccacgtgc	tgcaccctga	gagtggactg	ggctacaagg	atctggacct	300
ggtgttccgg	atggacctgc	gcagtgaggg	atccttccag	ctgaccaagg	cagtgggtgct	360
ggcctgccta	ctagacttcc	tgccggccgg	tgtgagccgg	gccaaagatca	cgccactgac	420
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cctcatctca	ctgtccaaca	agagcgga	gaacgtggag	ctcaagtttg	tggactcggt	540
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aagcctgtac	ggggacttca	ccgaggccct	ggagcacctg	cggcaccgtg	tcacgccac	720
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tggggctctc	agcaggagga	ccctttggtt	attgcatcac	acttttggac	cagcatgccg	1440
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gactgataca	tggatatgta	cagggacttg	tcactttgga	tcaggctggg	ccactacagg	1680
gcctgatggg	ccaacttggg	taatcactgg	gaggagggaa	actgaggccc	gaggcagata	1740

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cctggggtttg gggagggctg ggtttagccc ggttctctga actacatacc cccagctgtg 1800
aagccttcct cttgaggggt tgaggtgggc agtatacagg agccaagcag cccaggggtg 1860
gtcgcagccc aggccccttc cagggtgcca ctccctttccc ccttgtgttg caaggagccc 1920
tcttgccctg gagcttggtc tttggaaggt gctgagcctg aatttgccac agtcaagtca 1980
acgttcccac cccactggct tggttacagg gctctcacat ggggtagggg agccatactc 2040
ccacccccctt gcgtattccc ctgggtttgt tgatattttg cactcttaac acctgccaat 2100
aaagacgggtc tacactgaaa aaaaaaaa 2127

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<210> 3630
<211> 1667
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1669)...(962)
<223> similar to gi3046604 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3630
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tctccagaca tctcactttt gaactgaaag aacccccatc tgcgatgcct gcacacaccg 120
cattcacaca aacacaggta ctgaataaat taaacgctca ggctctggcc ccaccccagc 180
tttcagagcc cacaagcaga ctgtacaaag tcaataattt aaaacccaaa ccctgggcac 240
agtgcctgga agtgtcaggg tcaaccactc cccttaagtt agccactata catgttcac 300
ttctgacagg cggggccagg acagacgcca ggcacaggaa tcagggcctg gggccctg 360
accacagcca cccctcccc tgctcccca ctgtcccctg gggcttggga gaggcagact 420
gctcagagga aataacctca acaataaat taaacaataa atagccccgg tgggccgagg 480
gcacctccag ggggtcacac cataaataac agagttggcg gcgggtacgg ctgcgctggg 540
cgggcgggcg cggaggccag gacttgcat gtgtgtgcag gacgtgcca gacgcacacc 600
gcaggactga gggcgggagg tgggcttggg accctgcgcc ggcggaaaga gctccgggtg 660
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gcaggtcaca gctctccggg gcgccccgt cagccccag catccaggga tgggccgcaa 1080
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gctcgaaggg gatgtcccca cacccatat cgtagagaag cacgcccagc gaccacagg 1260
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tgccgtcgaa gtcggtgtag accgtgtcct tgagcagcgc acccgaaccg aagtcgatga 1380
gcttgagctc tccggagcgc aggtccacaa gcagattttc gtccttaatg tcgcggtgca 1440
cgaccccgca gctgtggcag tggcgcacgg cgccagcac ctgcgcgaag aaagcggcgc 1500
gccagcggct cgtccagggc gccgcgtcc gtgataaagt cgaagatggg cctagcgcgg 1560
gctcgggccc ctccagcacc agcaggaagc cgtcgggccc ctccaaccag tccagcaggc 1620
ggatgacgcc gcgcgcgccg cccggcgcgc ccaccttgcg cagcagc 1667

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<210> 3631
 <211> 1468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1468)...(1055)
 <223> similar to gil899194 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3631

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caaggcaaga	ggctcctaga	aaaatagatt	ataccaaggg	ctctcctcct	ggggacccaa	180
accgcgtccc	aggctcccc	tcagagcttg	ccaaatggag	tgaaaggcat	ggaaaggggc	240
tgggagaaaa	gccagctcca	ctgaacaaag	gggagaggag	cctggcagtg	agcagacctg	300
ggaggggtgt	ggggtgggat	gagctttgct	ccttggttga	gtgctggaaa	aggggaagggg	360
gaagaaataa	tttatgttga	tgtaattaat	gtaatgatga	tgtaatgggtg	cgtgggtttca	420
atcatggcga	ccattccaga	tctctctcaa	gtgaagctaa	attctggccg	gtctatggag	480
gtagaaattg	aggacggaag	gaaagttag	aatccctcct	ccccaggaga	atagacattt	540
attaccagc	tctacccttt	ggcccagcct	gcctcccca	atggcttcca	aatccctcag	600
ctaaaatctg	catcagaaaa	tggaattgga	atggggatgt	tgccttgccc	aaaccctcca	660
gcctcagaac	tgataaagag	gttgaagagc	aggggtgggg	aaaaggaagt	taaggaatga	720
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cacaccaaag	cgccttggtt	tctcactggg	gctcagcagc	gtctgttctg	tggagctctg	1260
ggcctgatag	cgtttgccgt	tggtgcccac	gcaccacact	tcccgctgga	gcaggggctg	1320
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gcccacggag	gaacccccag	ggcccacctt	ttccttatga	tgggttgatt	cacgggcaga	1440
cgccatccta	ccctctcgca	cagccgac				1468

<210> 3632
 <211> 5979
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(5098)
 <223> similar to gi2887421 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3632

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ggtcgacttg	gcttcccccg	acgcaaggaa	gctttgtatc	gggcactggg	ccgagtgcctt	360
gtggaaggag	gtagtgatga	gaagcggctc	tgcttgcaac	ttctctcgga	cgttctccgg	420
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gttgtctcgt	tacgggaaga	gaatccagcc	ctgcggaaag	atgcgctgca	gatccttcat	540
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agtaccgatg	cccgaacttag	agcttccaca	gcactactgc	ttcccatctt	gcttactact	660
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<210> 3633
 <211> 5539
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(3951)

<223> similar to gi4589670 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3633

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<210> 3634
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(585)
 <223> similar to gi2058378 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3634

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<210> 3635
 <211> 1258
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(287)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3635

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gcgtgccacc	acaccgggtt	aattttttgt	attttttggt	agatacgggg	tttcgccatg	180
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<210> 3636
 <211> 2549
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1864)
 <223> similar to gi4731910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agtgacgatg ggaagacatg gaaaacaagg agaagaaaat gatgtataat ttgtagtttt 2280
tagtgatagt atttaaaata tatcctcatt tgtgggggtg agccctaaac tttagtttag 2340
ggtaggtact caacttaaag aatataggtt tcttcttata tctgtattct ttagatccta 2400
acctctgtct accaaccttt ttgctcagta ggagtcttga tagaagatat gaatctctga 2460
gagggtatggt tatttggttaa tcctaaccag tataataagc aaatacacta taatagatcc 2520
acgttactgg aatctgtaaa ccttgaggg 2549

```

```

<210> 3637
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(188)
<223> similar to gi5726234 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3637
gctgagcttt tgctcgccgt ccaccactgc tgtttgtcgc tgctgcagac ccgctgctga 60
ctgccatccg tctggatccg gcagggtgtc cactgtgtc ctgatccaat gaggcaccca 120
ttgccgctcc cgatccggct aaaggcttgc cattgttctt gcacagctag gtgcccgggt 180
ttgtcctaata ccagctgaac gctagtcact gggttccacg gttctcttcc gtgatccacg 240
gcttctaata gagcgataac actcaccaca tggcccaaga ttccattcct tggaatccat 300
gaggccaaga accccaggtc agagaacaca aggcttgcca ccattcttga agcggccccgc 360
caccatcttg ggagctctgg gagcaaggac ccccgcaccc aataagagtt tcgca 415

```

```

<210> 3638
<211> 2473
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(62)
<223> similar to gi4240315 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3638
acgcgccctg aattccccggg tcgacgggag gcaggagact gtaatggacg gggatggggg 60
tccccaggac ggcctaagaa gaagcacaca ggcattggcca gcattgacag cagtggccct 120
gaaacaacat cggatagttc cccacacctta agccggagac cacttcgagg gggctgggcc 180
cccacctcct ggggtcgagg tcaggacagt gacagcatta gcagctcttc ttcggactcc 240
ctgggctcct catcctccag tggaaagtgc cgggccagtg ccagtggagg agcccgggcg 300
aagactgttg aagttggcag gtacaagggc cgccgccccg agagtcatgc ccctcatgta 360
cccaatcagc catcagaggc agctgcacac ttctacttcg agctggcgaa gacagtgtg 420
atcaaggcag ggggcaacag cagcacttcc attttcacac atccatcttc ctcagggggc 480
caccagggtc ctcaccgcaa cctgcacctt tgcgccttcg agattgggct ttatgccctt 540
ggcctgcaca actttgtttc tcccaactgg ctctcacgta cttattcttc ccacgtttcc 600
tggattacag gccaggccat ggagataggc agcgacagcc tgactatact ggtagaatgc 660
tgggatgggc acctgacacc ccctgagggt gcatccctgg ctgacagggc atcacgggca 720
agagactcca atatggtgag ggcggcagca gagctggccc tgagctgcct gcctcacgcc 780
catgcattga accctaata gatccagcgg gccctgggtg agtgcaagga acaggacaac 840
ctgatgttgg agaaggcctg catggcagtg gaagaggcag ctaagggtgg gggcgtgtac 900
cctgaagtgt tgtttgaggt tgctcaccag tggttctggc tatatgagca aactgcaggt 960
ggctcatcca cagcccgatg aggggctaca agctgtagtg ccagtgggat cagggcaggt 1020
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gtggcagcgg cagcagtgac agcagcagcc acagtgggtg ccgtcatatc ggtgggggtct 1140
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gctctacagc cccacctgcc ctgtagccct cagtatctca ctcaccagc tcacctgcc 1260
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gagacacaca gtcagccagt caatccccac agcctgcacc acctgcatgc tgccctaccg 1680
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cagtacatcc accaccgctt gattcacctg actcctgcgg actacgacga ctttgtgaat 2040
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gacatcctac agaacctcaa ggcagcaaaa cagaccaagg agctgtggca gcggtctca 2160
ctcgagatgg ccaccttctc cccctgagtc tttcaccctt agggtcctat acagggaccc 2220
aggcctgtgg ctatgggggc ccctcacaca gggggagtga aacttggtctg gacagatcat 2280
cctcactcag ttccctggta gcacagactg acagctgctc ttgggctata gcttggggcc 2340
aagatgtctc acaccctaga agcctagggc tgggggagac agccctgtct gggagggggc 2400
gttgggtggc ctctggtatt tatttggcat ttataaatat ataaactcct tttttactct 2460
agtaaaaaaa aaa 2473

```

```

<210> 3639
<211> 2087
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (37)...(1787)

<223> similar to gil769467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3639

cagtcattgt	ccaaacctgc	ttttttccga	caaaattcag	agaggaggaa	cttcaagctg	60
ctggacacta	ggaagctgag	tcgggatgga	actgggtccc	cttccaaaat	cagccctccc	120
tccactccca	gcagccctga	tgacattttc	tttaaccttg	gagacccaca	gaacggcagg	180
aagaagagaa	agatacccaa	gctggtgttg	cgaatcaacg	ccatttatga	ggtccggaga	240
ggaaagaaac	gggtgaagag	gctgtcccag	tcaatggaga	gcaactcagg	aaaagtgaca	300
gatgagaaca	gtgagtctga	cagtgcacaca	gaggagaagc	tgaaagctca	cagccagcgc	360
ctggtcaacg	tgaagtcccg	gctgaagcag	gcgcctcggg	acccatcact	tgcccgggaa	420
ctcatcgagt	accaggagag	gcagctcttc	gagtactttg	tggttggtgc	tttgacacaag	480
aagcaggccg	gggctgccta	cgtgccaaaa	ctcacccaac	agttccctct	gaagttggaa	540
aggtctttca	agttcatgag	agaagctgag	gaccaactga	aggccattcc	ccagttctgt	600
tttcccgatg	ccaaggattg	ggttcctgtc	cagcagttca	ccagtgaaac	attctcgttt	660
gtcttaactg	gagaagatgg	gagcagaagg	ttcggttact	gccgaagact	gctgcctgga	720
ggcaaaggga	agcgccttcc	tgaagtttac	tgcatgtgta	gccgcctggg	atgcttcagc	780
ctcttttcaa	ggatcttgga	tgaggtggaa	aaaagacgag	gcatctctcc	tgccctgggt	840
cagccactca	tgagaagtgt	catggaagcc	cctttcccag	ccctgggcaa	aaccatcctt	900
gtcaagaact	tcctgccagg	ttcaggaaact	gaggtgatcg	aactgtgccg	cccgtcggac	960
tcccggctcg	agcacgtgga	ctttgagttc	ctcttctcct	ccctcagcgt	ccgccacctg	1020
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agcatcctgt	ccaagtgtcg	ccacgcgatg	gtggcgctga	tctacccctt	cgctggcag	1140
cacacctaca	tcccgggtgct	gccacccgcc	atggtcgaca	tcgtgtgctc	gccgacgccc	1200
ttcctcatcg	ggctgctctc	cagctcgctg	ccactgctca	gggagctgcc	gctggaagag	1260
gtccttgttg	ttgacctcgt	caacagccgg	ttcctcagac	agatggacga	tgaggactcc	1320
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gcttgtgagc	aggacgaagg	gcccctagac	ggcaggcacg	gtccagagtc	cagccccttg	1440
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ttgttctga	cgtcgggcga	gcgtgaggag	agaaccctgc	agcgggaggc	cttccgcaaa	1560
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tcggggcttc	atccaaggag	cgggagctgc	gccggcagga	tgccaaagggt	ctgtttgagg	1680
tccgagccca	agagtatctg	gaaacactcc	ccagtggaga	gcacagcggg	gtcaataagt	1740
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ggctgggctc	ttccctggat	gaggacctgg	gagccgcctg	ggaggacagc	cccagaaagg	1980
gagcccgaga	ccaggcgtgt	cgccgacatg	caaatggggt	gttttggtgg	ttgagagttt	2040
ttttttttat	cttagatatt	aaaagtaaga	aaaatgaaaa	aaaaaaa		2087

<210> 3640

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (907)...(550)

<223> similar to gi3925685 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3640

tttttttttt	ttaccaatgg	aatagcagac	tttctgccag	atttttattgg	ttaatggtaa	60
tataaaatat	aagaaaaaaa	caacttcaaa	agagtcaaca	atctgtatcc	atctacatgg	120
tatctgacca	ccattactgg	gcttttgaag	tacctcgtag	tggaacttcac	aaatgattct	180
taatttttaa	aaatgcaaag	tgtcttagta	tttgtgtatg	acattttaa	tcagaattta	240
cgtagtata	aaaaatactc	acaaaaatat	ttataagcca	cacacttaaa	atgcattgaa	300
catttatgaa	agctccaaaa	tttaaagcat	agcatatata	tttattttat	aaaatagaaa	360
aaaaataaaa	gtatattgat	tgttctttac	acattttgat	tacactgaat	ttgttaattt	420
aatattagtt	caaataaaca	ttgttattta	aaaaatgctg	agtacacgat	taagctgaat	480
tttgttttcc	atcagaaaaa	gaacttcagg	agtatataat	ggctctacag	tgcttcccat	540
ccaaaacact	aggtcttcat	cttttgtttc	ttagaccact	cagggtgcttc	tttttttagta	600
aagagtgttg	gttttaggtg	aaatataattg	tcttcatgct	ctttaggcac	attcaaagtc	660
tttgatttct	gattttctgt	cacatgtttt	ggttctgttt	tagtgagaag	taagctgttc	720
tcagaatgtt	tactatgcat	cttaacgaga	atctgtttca	ttgctgccaa	ttcctgacat	780
ctttctcaag	ttgtgcaata	gattccgtca	gtgaatcaat	cttagaatct	ctctgacgca	840
ctgattcaat	gagataacctg	taaggctgtt	gagtcgtggt	taatagcgaa	ttggctctgt	900
caagctatgt	ctgttgtatc	tgtatggtgc	aaacattaag	tactggtatg	ctgctgacaa	960
tctttactcc	atcttcagta	accttaggtt	ggtagttt			998

<210> 3641

<211> 3325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (137)...(1982)

<223> similar to gi4176525 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3641

ctgagtcgcc	tgcaggcagc	gtgccaccgg	ctgaagctct	ggccagagct	gcaggacaat	60
gggtggggact	atgtctcagc	tgttttgggc	cccctgacca	ccctcctgga	gcaggggcctg	120
ggggctcggc	tgaacctgct	ggctcactct	cgacccccag	tcccagagtg	ggacatcagc	180
caagatccac	caaagcaca	agactctggg	accctgaccc	tgggactcct	tctccggcct	240
gagggactga	ccagcgctct	tgagctgggt	ccagaggcag	accagcctga	ggctgctaaa	300
ttccgccagt	tctggggatc	ccgctcggag	cttcggcggt	tccaggacgg	agccattcgg	360
gaagctgtgg	tctggggaggc	agcctctatg	tcccagaagc	gccttattcc	ccaccagggtg	420
gtcaccacac	tcttggcact	ccatgctgac	atcccagaaa	cctgtgtcca	ctatgtgggg	480
ggccccctgg	atgcacttat	ccaaggcctg	aaagagacct	ccagcacagg	tgaggaggcc	540
ctggtagcgg	cggtagcttg	ctacgacgac	ctcagtcgcc	tactgtgggg	gctagagggt	600
ctcccactga	ccgtgtctgc	tgttcaggga	gctcaccacg	tgctgcgcta	cacagagggtg	660
ttcccaccaa	ctccagtcog	tccagccttc	tccttctatg	agactctgcg	ggagcgggtcc	720
tactgtctgc	cccggctcga	taagccctgt	ccggcctacg	tggagcccat	gaccgtgggt	780
tgtcacctgg	agggcagtg	ccagtgggca	caggacgctg	aggccgtgca	gcgggtccga	840

gctgccttcc	agctgcgcct	ggcagagctg	ttgacacaac	agcatggtct	gcagtgcctg	900
gccactgcc	cgcacacgga	tgtccttaag	gatggatttg	tgtttcggat	tcgcgtggcc	960
tatcagcggg	agccccagat	cctgaaggag	gtgcagagcc	cagaggggat	gatctcgctg	1020
agggacacag	ctgcctccct	ccgccttgag	agagacacaa	ggcagttgcc	actgctcacc	1080
agtgccttgc	acggactgca	gcagcagcac	ccagccttct	ctggtgtggc	acggctggcc	1140
aagcgggtgg	tgcgtgcccc	gcttcttggg	gaggggttctg	ctgatgagag	cctggatctg	1200
gtggccgctg	cccttttcc	gcaccctgag	cccttcaccc	ctccgagttc	cccccagggt	1260
ggcttccttc	gatttcctttt	cttggtatca	acgtttgatt	ggaagaacaa	ccccctcttt	1320
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gcagctcggg	cacagctccc	cgatcatggtc	attgttaccc	cccaagaccg	caaaaactct	1440
gtgtggacac	aggatggacc	ctcagcccag	atcctgcagc	agcttgtggt	cctggcagct	1500
gaagccctgc	ccatgttaga	gaagcagctc	atggatcccc	ggggacctgg	ggacatcagg	1560
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ctgacgcagc	tcagggaggc	ctttggggat	ctggcccttt	tcttctatga	ccagcatggt	1800
ggagaggtga	ttggtgtcct	ctggaagccc	accagcttcc	agccgcagcc	cttcaaggcc	1860
tccagcacia	aggggcgcac	ggtgatgtct	cgaggtgggg	agctagtaat	ggtgcccaat	1920
gttgaagcaa	tcctggagga	ctttgctgtg	ctgggtgaag	gcctggtgca	gactgtggag	1980
gcccgaagtg	agaggtggac	tgtgtgatcc	cagctctgga	gcaagctgta	gacggacagc	2040
aggacattgg	acctctagag	caagatgtca	gtaggatgac	ctccaccctc	cttgacatg	2100
aatccctccat	ggagggcctg	ctggctgaac	atgctgaatc	atctccaaca	aaaccagcc	2160
ccaactttct	ctctgatgct	ccagcattgg	ggcaggggca	tgggtggcca	tgtagtctcc	2220
tgggcctcac	catcccagaa	gaggagtggg	agccagctca	gagaaggaa	tgaaccagg	2280
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gggacccagc	gaaaatgtgg	cccttctgag	tcacatcacc	gacactgagc	agtggaaagg	2520
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acttcccagg	gtggagacag	tggaaaagaa	ccgaggacag	gaaaggattg	ggtagggtgaa	2640
ggggtcaggg	gactggtagt	cacccaatct	tggagagggtg	caaaaagcac	tgggggctac	2700
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tacctgcagt	ggggttgag	agatggggga	gactcaagtc	ttactcccca	ggagctccca	2820
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aactctgatt	taaaattaaa	ttgcagctgg	gcgtagtggc	tcatgcttgt	aatcccaaca	3120
cttagggagt	caggagaatc	acttgagctc	aggagttcta	gaccaatctg	ggcaacagag	3180
agaccccatc	tcttttaaat	aaaaagttaa	attgcttaat	ttcccccgta	ttcctggcct	3240
gtctgcccct	ttcacataat	tttaacctgg	tttcttgtat	gtaaactcct	tgagggcaag	3300
aacatgtttg	aacataaaaa	aaaaa				3325

<210> 3642
 <211> 1938
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1939)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(812)
 <223> similar to gi4886467 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3642

gtggaaagaa	cagtcagaaa	gcctctcctg	tggatgatga	acagctgtca	gtctgtcttt	60
ctggattcct	agatgaggtt	atgaagaagt	atggcagttt	ggttccactc	agtgaaaaag	120
aagtccttgg	aagattaaaa	gatgtcttta	atgaagactt	ttctaataga	aaaccattta	180
tcaataggga	aataacaaac	tatcgggcca	gacatcaaaa	atgtaacttc	cgtatcttct	240
ataataaaca	catgctggat	atggacgacc	tggcgactct	ggatggtcag	aactggctga	300
atgaccaggt	cattaatatg	tatggtgagc	tgataatgga	tgacgtccca	gacaaagtgc	360
acttcttcaa	cagctttttt	catagacagc	tggtaaccaa	aggatataat	ggagtaaaaa	420
gatggactaa	aaaggtggat	ttgtttaaaa	agagtcttct	gttgattcct	attcacctgg	480
aagtccactg	gtctctcatt	actgtgacac	tctctaactg	aattatttca	ttttatgatt	540
cccaaggcat	tcattttaag	ttttgtgtag	agaatataag	aaagtatttg	ctgactgaag	600
ccagagaaaa	aaatagacct	gaatcttcag	ggttggcaga	ctgctgttac	gaagtgtatt	660
ccacaacaga	aaaacgacag	tgactgtgga	gtctttgtgc	tccagtactg	caagtgcctc	720
gcccttagag	cagcctttcc	agttttcaca	agaagacatg	ccccgagtgc	ggaagaggat	780
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tacagatatt	tcagatcagt	gggtgttggg	gccactattg	ttacctccaa	attttatatt	960
ttgcccttaa	ttccatttct	cccagctacc	atgtactatt	gtttaatgtt	cagtttggtt	1020
tcatttttaa	ttttatgggt	ctgtgcgtcc	cccatattta	atatttatta	ttcaaacgca	1080
tgcatataga	cagagcatgc	agtgaagagt	attaaaaaaa	aaagcttagt	agatttggtg	1140
cagcttttga	aacttaggtt	agacgtgaaa	ctgaaatata	ggtttcaa	ttacttcccc	1200
agaacctaaa	aatgcaagat	gtttttgata	ccaaccataa	cctcctgaga	atagtaagtg	1260
ttcccccggg	gcattaaggg	taagcctggg	gggtggtttt	gaccaaacc	cagtccttgt	1320
tttaccttta	cccagcggca	actttcaccc	aacttcccc	ctcccaagt	agtcttagag	1380
agtgcagtcc	cattcctttt	tgaagggtga	gatggaagt	gtcgtaaact	gactgggtgc	1440
ttctgtttct	gggaggcaca	cttgtaaggc	acagtggctg	ctttgggagg	agtaagggtg	1500
gagaaaaagc	aaccttggag	gccagtaaca	atgacagatt	tcaatcgtgg	tttttaggaat	1560
tataatacgt	ggcatacatc	tcataaaggc	ttttgctggg	atattgaatt	ccctgaattt	1620
ttctgttttc	gacctgttaa	aaaaatctta	acatccatca	aactagtgg	caaacaaatg	1680
agaatgcagc	tggtctcaga	gtaattttta	agttgtcatt	tccctgtgtt	gcctcccaat	1740
tggaagaagt	taagggtttac	caaatgcatt	tctatttcaa	gggtatctga	aacgtaacaa	1800
ttcaaaactg	aaggctgact	gacttnagat	gttttgcaag	tggtctggaga	gaacagggaa	1860
ggtaatagag	acacacttag	tcccatggga	agcgcagcac	cgttgtaggt	tctttctcct	1920
gtcccattag	cgacctca					1938

<210> 3643
 <211> 3654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2333)
 <223> similar to gi2827198 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3643

cagacactga	aatctgatgt	tttgttggga	actgctgcat	tagatattta	tgaacatta	60
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gagccaacag	agacaatagg	agacttgtca	atttgtcttg	atgggctaca	gttagagtct	180
gaagttgtta	ccaatgggtga	aactacatgt	tcagaaagtg	cttctcagaa	tgatgatggc	240
tccagatcca	aggatgaaac	aagagtgagc	acaaatggat	cagatgaccc	tgaagatgca	300
ggagctgggtg	aaaataggag	agtcagtggg	aataattctc	catcactctc	aaatggtggt	360
tttaaacctt	ctagacctcc	aagaccttca	cgaccaccac	caccaccccc	acgtagacca	420
gcatctgtca	atgggttcacc	atctgccact	tctgaaagtg	atgggtctag	tacaggctct	480
ctgccgccga	caaatacaaa	tacaaataca	tctgaaggag	caacatctgg	attaataatt	540
cctcttacta	tatctggagg	ctcaggccct	aggccattaa	atcctgtaac	tcaagctccc	600
ttgccacctg	gttgggagca	gagagtggac	cagcacgggc	gagtttacta	tgtagatcat	660
gttgagaaaa	gaacaacatg	ggatagacca	gaacctctac	ctcctggctg	ggaacggcgg	720
gttgacaaca	tgggacgtat	ttattatgtt	gaccatttca	caagaacaac	aacgtggcag	780
aggccaacac	tggaatccgt	ccggaactat	gaacaatggc	agctacagcg	tagtcagctt	840
caaggagcaa	tgcagcagtt	taaccagaga	ttcattttatg	ggaatcaaga	tttatttgct	900
acatcacaaa	gtaaagaatt	tgatcctctt	ggtccattgc	cacctggatg	ggagaagaga	960
acagacagca	atggcagagt	atatttctgtc	aaccacaaca	cacgaattac	acaatgggaa	1020
gaccccagaa	gtcaagggtca	attaaatgaa	aagcccttac	ctgaagggtg	ggaaatgaga	1080
ttcacagtgg	atggaattcc	atattttgtg	gaccacaata	gaagaactac	cacctatata	1140
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ttcaaagcaa	aggttcagta	tttccggttc	tgggtgtcagc	aactggccat	gccacagcac	1260
ataaagatta	cagtgacaag	aaaaacattg	tttcgaggat	tcctttcaac	agataatgag	1320
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agattatgga	ggtgtagcaa	gagaatgggt	ttttcttttg	tcacatgaag	tgttgaaccc	1440
aatgtattgc	ctgtttgaat	atgcagggaa	ggataactac	tgcttgacaga	taaaccocgc	1500
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tcgaggtgtt	gaagaacaga	cacaagcttt	ctttgaaggc	tttaatgaaa	ttcttcccca	1920
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gattgatttg	aatgactggc	aaagacatgc	catctaccgt	cattatgcaa	ggaccagcaa	2040
acaaatcatg	tggttttggc	agtttgttaa	agaaattgat	aatgagaaga	gaatgagact	2100
tctgcagttt	gttactggaa	cctgccgatt	gccagtagga	ggatttgctg	atctcatggg	2160
gagcaatgga	ccacagaaat	tctgcattga	aaaagttggg	aaagaaaatt	ggctacccag	2220
aagtcatacc	tgttttaatc	gcctggacct	gccaccatac	aagagctatg	agcaactgaa	2280
ggaaaagctg	ttgtttgcc	tagaagaaac	agaaggattt	ggacaagagt	aacttctgag	2340
aacttgcacc	atgaatgggc	aagaacttat	ttgcaatggt	tgtccttctc	tgctgttgc	2400
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gttctcattt	agattttatc	cccagtgtat	tctactcagc	gtttccagaa	atcaggtctg	2520
caaatgacta	gtcagaacct	tgcttaacat	gagattttaa	cacaacaatg	aaatttgcct	2580
tgtcttattc	cactagttta	ttcctttaac	aacaatattt	tatgtgtgtc	aaaagtctca	2640
cttgggagta	gtgttttttt	cttttagaca	ttctgcagac	atgcagggaa	gtcctttggt	2700
aactgcaata	tacaagattt	tcctattaag	cctcttggta	agaggcattt	gttaaaagtg	2760
caagcttact	cctgcttctg	gggatgtgag	caaaattcgg	gcttgtgttc	tccctctcat	2820
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gaagtgaggc	aagactcttg	catctctaca	aagtagtttt	gtcaatttga	attcagggaa	2940
aagttgggtca	cagcctgcaa	atgacttcat	ttggaagtct	gattgtttca	gttgccgtgac	3000
aaatactaca	ctttacaaac	aatgttaaca	ctgtgattcc	ttcattgttt	taagaagtta	3060

09483735 "043100

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acctagggcc gggcatgggtg gctcatacct gtaatcctag cactctggga ggccgaggca 3120
ggaggatccc tttagcccag gagttaaaga ccagcctggg caacataggg agaccctgtc 3180
tttttttttg ggcagcgtgg tgggggataa ataaataaaa ggaaaaaaaaa cttagcctag 3240
aattagaatt aatttaattg aattcatcta aagatgtctc tgggtgatttt tatatgttcc 3300
gctatataat tgatgcttta tagttttatc ataatccaac aacttcagtt atatttaatt 3360
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agaaaggaag ataacatcca gtaaccacag gaatatattc tctgtgaatt aaaagtcttc 3540
aaagtatca tttctctgac atatgttgga gtagtcattt ccattcttta cattgtcatg 3600
aactggattg ataaccctca tctgcaatat tttcaccctt aaaattttta acag 3654

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<210> 3644
<211> 1345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1230)...(422)
<223> similar to gi3114818 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3644
tttttttttt ttccaatctt cattctcggg gttggccgcg cccgatagtc actccatgtc 60
ctcgtttact ggttcatctt cgtaatctct gtcattggtc aaatctggac tgtgggttggc 120
tgtgtgcact aaggacaggg gcccttcagc ttctcttgga tcgaggggct cttctttgac 180
gtgtacagga tgcacggctt gcataggaga tctgcctgga ctgctgtcac tctcgttgct 240
gttggtatgc tccattgccc cgttcagctc ttcccgattt gcgctggcta agttgcccag 300
agtgggattt cccatggaag cggtagtgta tagaggata ctattctcag ccattgaagc 360
ctgtaaagct gcattgagag gtgtgcagta ggcgtggctg ctctgcatgt ttttaataag 420
ggaaggggta ccactgatct tttgtggcct tcgttttttg aattctactt catccactgt 480
ccatactgcc cctttaacgt tttctactcg cacaaaacac ttgtgaagac taagattatg 540
acgcactgca ttcttccacg tggccgcggt gcgtcggaag taagcaaaca ttcgtgtgaa 600
ccagttatag atctcattha gtgttagctg cttttctgga gattcgagaa tggcctgcct 660
aattaaagat gcatatgtaa atgggtggtc aacttctgcg ttcttataaa attcttggtt 720
ctgcgcaata tctgctgacg aaatgggcac gttgtatttg tctgagtacc gcctgcggtt 780
gggtccccc gtgtgcatgc tgggtggttg gatgacagag gggccttggg tgacgggagt 840
caggggggag gttgggggtc ttggagtatg aggtaagctc tgtggagaag cctccgatgc 900
ggacttgag agagtgcac ttgataccag attcaagggc tgaggggagc ctttggggtt 960
tgtagacttc acatgcaggt gggtcacat ggcttgcag cgttctttgt cttttgcaag 1020
ctgtagctct aactgctgta caacctgcat ttgtactcta cattgggctg tacttctatc 1080
gtccagcgca tgctcactgt tgagatgttt tagaaatgat tggaaatctt cgcacactgc 1140
ttcacagcct ggccacttgc atacaccatg tccatagaga ggatggctat gggagtgtc 1200
ctcatgggac aaactttccc ttttgggagt gtggactgag agctgtccat tggtagaggc 1260
atgtgggttc attattaagg aggtcttgga aggtgcagag gaggagacac atgtcgtggt 1320
cagatccaaa ctgctgtgat tgttg 1345

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<210> 3645
 <211> 1283
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1284)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1225)...(762)
 <223> similar to gi5107820 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09486725-012100

<400> 3645
 gatttcagtt gcctgaaagc tgtaagtctg ctttttttaa agagaaattg gagttaagca 60
 gacttttcat tttttgatca tgaccctgga aagagaaata tatttgacat caaaactcag 120
 cacatatcct tgggtctatat atacacatga aagtttcata aaacaatata ctgatatttt 180
 ccatgctgta ttctatttca ttttttaaaa tgctgggttg atcccattaa actgggttca 240
 aaataaatat aacatgtaca caacaacaac aaaaaaaaaac actggggttag agggccagta 300
 agctcagcga gtatcagcaa ctgagacttc atccttgtct cacaaggact aaaaagagaa 360
 taatgttctc attatgtggt tcaatgccac acccatgtat ctgagatata catgtcacia 420
 tctgggagaa gcctgtcctc aattttacttt aaatacccaa ttctgcctag aacatgaatt 480
 agacacatag taagctcttg agtgaagtgc agatgataat gacacgatca cataccactt 540
 aaaaatatct taacaccttt acttagatct catctcatalc ttgtagcatt tcttcaaatt 600
 tactttgaaa aaagagcttc actgtgtgtg gttgtcatalc acattcttct acccaaccat 660
 ggacctcttt tttcctctca ggcgcacttc atctaatttt tttagcactg gcctggcctt 720
 tttggaggag gtggagtagc tcttcagaaa ggcttcaaac acagtttcag tggtgggatg 780
 ggtactgagg aaggccttct ccaggacata gaggtctact cccttatcct ctggaagtgc 840
 tgaaatgaaa ctcagcccaa agtctatgag cacaatgttc agctgttcca ggggggggtt 900
 caggagcatg ttggagggtg tgagatcacc atgaatgagg tcttcatcgt gcattcgagc 960
 caaaacctgc ccaattgtct tggctaagtt ggagagaccc tggggagttt ttttcagtct 1020
 ccatagtgga ctgaatataa tctcgaacag tcaactgagcc ttcaatttct tccatatata 1080
 agcagttgga agcatagtcc acaaaaaaga caactggggc agatattcca gcgcggcgac 1140
 agcggaggag cgcgcggggc tctgcaccg tccgcctgtc gccaaagccg gcctccagcg 1200
 ccgggtgccg gtagccttgg gaagcgggtg ttnnttnn ggccttgcta gccccctggc 1260
 tcattnnccc cggccccgtc tcc 1283

<210> 3646
 <211> 1584
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1585)...(603)
 <223> similar to gi206297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3646

tttttttttt	ttggatttaa	aaacacttta	tagtgtgttg	tttttattga	gcgctcacac	60
ccgaaggggt	ggcggcggat	gctgtgggtg	agtggggccg	cctgagcctg	ctcggggccac	120
atccacacat	ccacagagtc	cacctggact	cggaggaagg	ccgagaggac	acggacggtg	180
gccacacca	cgctgcagtg	aaggcccaag	tgtgatggca	gagaaagagg	gaaagttgga	240
gaaagagcgg	tatctgacaa	taacttttct	cttggatgtt	aattttttgg	tctataaatt	300
ggaaaggaag	gctcggactg	aaataaatac	atttattctg	agtaatgacc	ttttgggagc	360
agtgtccgtc	aactctgctt	cgagagcgtc	tccacgtgag	gcagcagcgc	ctgtctcgcg	420
cctcgccgag	gcggaaccac	accgggcctc	cagcggaggg	ggctttctcc	tgtgtctgtg	480
aagggaagta	gcaggtgtgt	cactgttctt	aatggagcgg	acaatgatgc	cttttctctg	540
acagaaaaat	gtccggctta	actatgcaag	acaagacttg	gtcgtcacgt	tcgcgtctct	600
agttgatttt	gtcctggaat	atgtacaagt	tattggtggc	agccacggca	atgacattgt	660
ccacgggggtg	ccaggctgtg	tgcaggatct	tcttgttgaa	gtccagactg	tccacactga	720
tctcgtcttt	cctccgctta	ccccccgtac	acaccttccg	gggtttgagg	ctggcgcgcg	780
gtttgctgct	ctctctcgag	gcctccaggg	tcacatccct	ccgcgtgtct	ctatcaaaca	840
tctgaagaa	gttggtatag	gacccggtca	tgatggcgct	atccgaaccg	ttccagcaac	900
actcaaaactt	gtcaaagatg	cagtcgttct	catagagaga	gcagagcttg	ctgcgcaggt	960
actcgtggac	ctggtgggtc	tccaccggcc	tgctctccat	gttgagggtcc	cacaccttca	1020
ccgacaggta	gtctctgggtc	atcatgtacc	gcccactatg	actgaatttt	acatcggata	1080
tgatgaaat	tatttctgag	aagaaggacc	tactgctggg	atcttcaggc	tcttcaaaaa	1140
acttgagtg	tctgtcgcac	agggccgagg	agcgcatgtc	acacaggcgg	atggtccctt	1200
tgctactgct	gtagacgaac	acgttgcact	ggtgcgggtg	gaactcggct	gcagtgatga	1260
cttcggtcag	ctcctccatg	ttagcaggct	tgatgtccac	gatgttaaag	cttctatctg	1320
tgatttctaa	gtgccataaa	ttaattctca	ggtcatccgt	agcgccgtga	tcctaaatgg	1380
gtctcgaagt	cttccatctt	cgtcttttcag	gttataacct	tctgctcttt	tatcccgttc	1440
acttattttc	cataatttta	tagttttatc	attttagtag	agtagaaaat	gagcagcatt	1500
ctgttggtgt	aaccaccta	ttttattaat	tttttccctc	atttctagac	ttttcaaata	1560
gtcgatctcc	ggttcatgac	tgtg				1584

<210> 3647

<211> 2149

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1046)...(1711)

<223> similar to gi3873795 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3647

acgagcctgc	gtttttccggc	cagaggacat	gatgcagggg	gaggcacacc	ctagtgtctc	60
ccttattgac	agaaccatca	agatgagaaa	agaaacagag	gctaggaaag	tggtcttagc	120
ctggggactc	ctaaatgtat	ctatggctgg	aatgatatat	actgaaatga	ctggaaaatt	180
gattagtcca	tactacaatg	tgacatactg	gcccctctgg	tatattgagc	ttgcccttgc	240

atctctcttc	agccttaatg	ccttatttga	tttttggaga	tattttcaa	atactgtggc	300
accaacaagt	ctggttgtta	gtcctggaca	gcaaacactt	ttaggggttg	aaacagctgt	360
tgtacagact	acgcctccac	atgatctggc	agcaacccaa	atccctccc	ctccaccttc	420
cccttcaatt	cagggtcaga	gtgtgttgag	ttatagccct	tctcgttcgc	ccagtaccag	480
tcccaagttc	accaccagct	gtatgactgg	ttacagccct	cagctgcaag	gtctgtcctc	540
aggtggcagt	ggttcttata	gccctggagt	gacctaactc	cccgtcagtg	gttataataa	600
gttggcgagc	tttagcccct	ctcctccttc	tccgtaccct	accactgttg	gaccagtggg	660
gagcagtggg	ttgagatctc	gctaccgttc	ttcacctacc	gtctacaact	cacctactga	720
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tcagcttgcc	tgtaggtctc	aggcccatg	tgctaacaaa	gatgaagccg	atctcagctc	960
taaacaagcc	gcagaagagg	tctgggcaag	agtggctatg	aatagacaac	ttcttgatca	1020
tatggattca	tggacagcta	aatttagaaa	ttggatcaat	gagacaatat	tagtgccact	1080
tgttcaagag	attgagtctg	tcagcacaca	gatgagacga	atgggttggtc	cagagctaca	1140
gataggagag	gctagtatta	ctagcttgaa	acaagctgcc	ctgggttaaag	cgctctcat	1200
tccgactttg	aacacaatcg	ttcagtatct	agaccttact	ccaaatcagg	aatacttggt	1260
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gcatgtattt	tgcacctacc	ttgattccag	attacctcca	catccgaagt	atcccgacgg	1440
aaaaactttt	acttctcagc	actttgttca	gacaccaa	aaaccagatg	ttacaaatga	1500
gaatgttttt	tgcatttatc	agagtgcctat	caacctccc	cattatgagc	tcactctacca	1560
gcgtcatgta	tacatacctg	ccaaagggca	gaaataatat	gtttcataca	ttgttgatgt	1620
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ttagactatt	tactgaacc	agaagtcgaa	actaaacatc	tctgagccac	tgactcttct	1800
gaaataaaat	acacatgggt	gtatgttaca	gactcttttag	atttaacaga	aaatgtagct	1860
gttatgaaat	gtaattgtaa	aaatatgtcc	cgtatcttct	atatcgagac	attgccttta	1920
atthttatata	gcttttcaga	aatttcagtt	gactacaaaa	ctgcaacctt	tcggattttt	1980
attgactcaa	aatagtgcga	ttccccttaa	tgaaatagat	tttgagtctt	tttttcattg	2040
taacccccaa	atgagaatca	tctacctgat	tcttgtagca	aaaaaaaatt	tttttcagtc	2100
tttttttttt	ttaaagaggg	tttttgccaa	cccaaactgg	agggcaggg		2149

<210> 3648

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (834)...(92)

<223> similar to gi2232013 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3648

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aaatttcaca	ctccataaat	atgtataact	tatatgtcat	ttaaaaataa	tgataaaatt	120
atatccagat	tcaagcgctt	cttgtagcgc	ttcccacagt	cctcacattt	ggatgggttt	180
tctccactgt	ggtactcttt	gttgggtctt	acagtatgac	cgggcataca	agcctctttc	240
cacagtcttc	acatttcaat	ggctttcttt	ggcagtggag	tttcttatga	ttcaaaatac	300

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tagaagcatg tctaaagctc ttccccgcagt tatcacagtt ataagatctc tctccccgtgt 360
gggtttctatg gtggaagtca agacctgact tactaatgta gcccttccca cactcctcac 420
at ttgtatgg cttttctcca gtgtggactc gttgatggac caaaagatat gaggaccatt 480
tgaagctctt cccacattct ttacaattat atggtttctg tcccatatga atcatctgat 540
gcttatgcaa atctagccta tcaatgaaac ctcttcata cttttcagat ttgtacagtt 600
tctctgctgt gtggaccatg caatgcctat taagacttga cctaagacag aagctcttac 660
cacatat ttc acatttgaat ggcttctccc cagtatgaat tctgtgatgt ttctgaagct 720
ggaaattgtg catgaaagcc ttcccacatt tctcacaatt ataagggtttc tctcctgtgt 780
gtaatttgca gtgaacttga agtatcgctc tacatctgaa gcctttccca c 831

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<210> 3649
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (773)...(600)
<223> similar to gil232163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3649
aacgaatctg gctctgcctg aatcatcgat gacaggggcaa aggcaactgg agcagatggg 60
agctctggca aacacggggag gaggggtcttg gaagagcccc cgtccccagc ggctagatgc 120
ttacacatgg acgatctact ctcttgactg tggcctcatc aggctgggtgc ctaccatctg 180
tggttgtaaa ggtcccaaag agggcctacg gaaaggacag gtgggctgga aggaatgtgg 240
agaatgaccc ccaggacagg ggaggaggag actggcccca tcaatccagt tcacagccgg 300
gaaaagtgca ggaagacaga caaacgaccc caatgtgggc gaaggacaca cctccaagga 360
ctggagccgc agagtccacg tgacaaggag acccaggata gaaacactgt gcggaggaca 420
cggtgtcaac ctcggaaggg gcctcctatg ctttccacac caaattcccc cacgggagaa 480
accctgccac aaggcccagg aaaccacaga cccaagcca actgtgccta gcacagacac 540
caaggaatga cagcgatgcc agtgacgcca ggaggacttg gccctagacc ccatcatcgg 600
ctgtatgatg attggtgtgt ctgcggcctc cctctcgtca gactgcagcc ttgggggaca 660
cgtagaactc tgtctcctcg ccctcagggg ccttgagctt acacttcccg cagcacagca 720
gcggttgaag cagcaccaca gacagcagca gcagtagcag caggtgagga 770

```

```

<210> 3650
<211> 2069
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(1701)
<223> similar to gi2224713 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3650
ggcacgaggc ccagtgggat gggcctagtc cagactgcca caagtccac ccattctacc 60
acaagcccca cccatcccac cacaagcccc atccttataa atgtaagccc ttccacttct 120
ctagaacttg ctaccctctc cagccctcc aaacactcag accccaccct cccaggcact 180
gactcccttc cctgtagtcc cccagtctcc aattcctaca ctcaggcaga ccctatggcc 240
cccagaactc cccacccaag tcttgcccat tccagtagga aaccctcac aagccctgcc 300
ccagatccct cagagtctac ggttcagagt ctaagcccca ctccctcacc cccaacccct 360
gcacccagc attcagacct ttgctggcc atggctgtcc agacccagc cccaacggca 420
gccggagggg ctggggacag gagcctggag gaggcactgg gggccctaat ggctgccctg 480
gatgactacc gtggccagtt tcttgagctg cagggcctgg agcaggagg gaccgccta 540
gaaagtctgc tcatgcagag acaaggctctg actgcagacc gggcctccag tctcagcatc 600
actgtggagc atgccttggg gagcttcagc ttcctcaatg aagacgaaga tgaagacaat 660
gatgttcctg gggacaggcc tccaagcagc ccggaggctg gggctgagga cagcatagac 720
tcacccagtg cccgccccct cagcacgggg tgtccagctc tggatgctgc cttgggtccg 780
cacctgtacc actgcagtcg cctcctgctg aaactgggca catttgggccc cctgcgctgc 840
caggaggcat gggccctgga gcggctgctg cgggaagccc gactactgga ggcagtatgc 900
gagttcagca ggcgggtggg gatcccgccc agctctgccc aggaagtggg gcagttctcg 960
gcctctcggc ctggcttcct gaccttctgg gaccagtgc cagagagact cagctgcttc 1020
ctctgcccgg tggagcgggt gcttctcacc ttctgcaacc agtatggtgc ccgcctctcc 1080
ctgcgccagc caggcttggc tgaggctgtg tgtgtgaagt tctggagga tgcctgggg 1140
cagaagctgc ccagaaggcc ccagccaggg cctggagagc agctcacagt cttccagttc 1200
tggagttttg tggaaacctt ggacagcccc accatggagg cctacgtgac tgagaccgct 1260
gaggaggtgc tactggtgcg gaatctgaac tcggatgatc aggtgtttgt gctgaaggcc 1320
ctgagattgg cgcgcgaggg gcgtctgcga agggacgggc tgcgggccct cagctccctg 1380
ctgtccatg gcaacaacaa ggtcatggct gctgtcagca cccagctccg gagectgtca 1440
ctgggcccta ccttcgggga gagggccctc ctgtgcttcc tggaccagct ggaggatgag 1500
gacgtgcaga ctogagtggc tggctgctg gccctaggct gcatcaaggc tcccgagggc 1560
attgagcccc tgggtgtacct ctgcccact gacacagaag ctgtgaggga agctgcccgg 1620
caaagcctac agcagtgtgg agaagaggga cagtctgccc atcgacggct ggaggagtcc 1680
ctggacgccc tgcctcgcat ctttgggccc ggcagcatgg ccagcacagc attctaaact 1740
attcaccat gggttcctgg tgcctctttt ccccaacttt cagggtcac caggcactgg 1800
caggagggt aagggtggc tccagatacc cctccccac agattcctag caatgaaaat 1860
ctaatatatt cttctgttgc ccctgggggt ggagagtcag tgcctgcagt caagtgcctc 1920
ccagcctcgg ctcagcacat cccttgccac aaatcagtgt ctggggcttg gccaccctgc 1980
cgctgcccag ccacatccct tggttttgta ttttatctac agagttttac agaaaataaa 2040
aaagcaaaat gtctttccta aaaaaaaaaa 2069

```

<210> 3651

<211> 1678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (199)...(998)

<223> similar to gi3874973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	3651					
gcgggtggaat	tcatagacct	cttacctgaa	ggaaagagac	aggcagcaat	tgataaaatg	60
accaagaaaa	tgcagaagac	cctagagaac	accaagttcc	gaggtgcacc	gattataccc	120
gtggcggcca	agccgggggg	accagaggcc	cccgaaactg	aagctccaca	gggcattcca	180
gagctcattg	aggtggtgaa	gaaggtgaag	tccatgcaga	tgttccacat	gcccattcact	240
tcagccatgc	aaggagaccg	gctgggcatc	tgcgtcacc	agtttgaccc	taagctgctg	300
gagcgcggt	tggtgtgtgc	ccccgagtc	ctgcacactg	tccatgcggc	cctcatctct	360
gtggaaaaga	taccgtat	ccggggggccc	ctgcaaacca	aggccaagtt	ccacattaca	420
gtggggccatg	aaacagtc	gggcccgttg	atgttcttca	gtcctgctcc	agataacttt	480
gaccaggagc	ctatactgga	ctctttcaac	ttctctcaag	aatacctttt	ccaggagcag	540
tacctgtcca	aggatttgac	accagcagtg	acagacaatg	atgaggccga	caagaaggcc	600
ggccaggcca	cacagggcca	ttgtcctcgg	cagcagtg	ccctggtgga	gtttgagaag	660
cccgtcacct	gccctcggct	gtgcctggtg	attggctcca	ggctagatgc	ggacattcac	720
accaacacgt	gccggctagc	cttccatggc	atcctgctcc	acgggtctaga	ggacaggaa	780
tacgccgaca	gcttctctgc	caggctgaag	gtgtacaagc	tgaagcacaa	gcatggccct	840
gtggagcggg	cgatggatga	ctacagtg	atcgccgct	ccctgttcaa	aaaggaaacc	900
aacatccagc	tcttcgtggg	gctcaagg	cacttgcca	ctgggggaact	gggcatcatc	960
gacagtgcct	tcggccagag	cggaagttc	aagatccaca	tcccaggtg	cctcagcccc	1020
gagtccaaga	agatcctgac	accgccctc	aagaagcggg	cccggtg	ccgtggggag	1080
gccaccaggc	aggaggagag	cgcgagcgg	agcagccct	cacagcatgt	ggtgctcagc	1140
ctgactttca	agcgttatgt	cttcgacacc	cacaagcgca	tggttcagtc	tccctgagtg	1200
tccggtgacc	tccccaggg	cctccttgcc	cagcccagtc	caggctgctg	tgccaaatcc	1260
caaccagcca	cgctcagcc	tctcccagtc	tctcctgca	gtcctgcagc	agcagcccc	1320
accccaagc	ttggtgctga	gccctggtga	ggagctgag	gggatgggt	gctggggcca	1380
ggagggtctc	tctccagcc	cctgcacact	cccacccag	acagcccca	gcccactag	1440
gaaagggcca	tgggcagag	gctggtgacc	agtatcttcc	actgccccat	ctgttggcca	1500
cctgcaggcc	agtctcaacc	ctccccagg	tgggcaggc	cttgatggct	acaataaat	1560
gtcccgtggc	cccagcccac	tctactggtg	tctctctctc	tgtgacttca	ctaggtccgc	1620
cgccctcccc	agctgtgttc	caagggggaat	ctcagaaatc	ccaagagttc	ctgcccag	1678

```
<210> 3652
<211> 914
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(915)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(278)
<223> similar to gi2411475 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 3652
cttctttttta atagtgaag cccgcaggaa gcaaqcaqct gggagaccag aaaaaatgga 60

tgatgaagac	cccattatgg	gtaccatcac	ctcgggaagaa	gccctggcca	gacagccccg	120
gagatcaagc	atctcctcct	ggggatgccc	ctcccttgga	agaacaaaag	gagctccatt	180
atgcctccct	tagtttttct	gagatgaagt	cgagggagcc	taaggaccag	gaggcccaa	240
gcaccacgga	gtactcggag	atcaagacaa	gcaagtgagg	atttgcccag	agttcagtcc	300
tggctggagg	agccacagcc	tgtctggggg	aaaggacaag	tcagggacca	cttgctgaag	360
cacgaagagc	ccttgtggca	atgttaacat	taactgatgt	ttaagtgctc	caagcagagc	420
agaaagaaaa	cagatgatgg	aattagagag	gtgggctcaa	atctaggccc	tggcactgtc	480
atcaagcaat	tactgcatc	cctctgtgcc	tcagtttccc	attctgtaaa	tcagagatca	540
tgcatgctac	ctcaaagggt	gttgtgaaca	ttaaagaaat	caacacatgg	aatcaacca	600
acatgggtcc	tggaacaggg	cgttgtgctc	agtgtcttct	ggtctctctt	ccttgaatag	660
aaaggtcctg	ctggcaagtt	ctctcaaggc	tggggatgac	caggcacaaa	aaacagggca	720
gcaatatggt	ggtgtcactc	cccttcccaa	aactcttcga	agactcccta	ggaaagacca	780
gccccctcagc	ctggcacttg	gttcatgatg	tgggatctta	tatccttgcc	agagtcatat	840
ctttgcccac	ttttacctgc	aatccttgca	tcatattcct	tgggttccag	tcnttcattt	900
atgagaccct	aggg					914

<210> 3653
 <211> 1895
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(1543)
 <223> similar to gi563129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3653						
actgtagacc	attagtccag	tgcggtggaa	ttcatcaacc	gaaacaacag	tgtggtacag	60
gtcctgcttg	ctgctggggc	tgatccaaac	cttgagatg	atttcagcag	tgtttacaag	120
actgccaagg	aacagggaat	ccattctttg	gaagtcttga	tcacccgaga	ggatgacttc	180
aacaacaggc	tgaacaaccg	cgccagtttc	aagggctgca	cggccttgca	ctatgctggt	240
cttgctgatg	actaccgcac	tgtcaaggag	ctgcttgatg	gaggagccaa	ccccctgcag	300
aggaatgaaa	tgggacacac	acccttggat	tatgcccgag	aaggggaagt	gatgaagctt	360
ctgaggactt	ctgaagccaa	gtaccaagag	aagcagcgga	agcgtgaggc	tgaggagcgg	420
cgcgccttcc	ccctggagca	gcgactaaag	gagcacatca	ttggccagga	gagcgccatc	480
gccacagtgg	gtgctgcgat	ccggaggaag	gagaatggct	ggtacgatga	agaacaccct	540
ctggctcttcc	tcttcttggg	atcatctgga	ataggaaaaa	cagagctggc	caagcagaca	600
gccaaatata	tgcacaaaga	tgctaaaaag	ggcttcatca	ggctggacat	gtccgagttc	660
caggagcgac	acgaggtggc	caagttttatt	gggtctccac	caggctacgt	tggccatgag	720
gaggggtggc	acgtgaccaa	gaagttgaag	cagtgcacca	atgctgtggt	gctctttgat	780
gaagtagaca	aggcccatcc	agatgtgctc	accatcatgc	tgcagctggt	tgatgagggc	840
cggctgacag	atggaaaagg	gaagaccatt	gattgcaagg	acgccatctt	catcatgacc	900
tccaatgtgg	ccagcgacga	gatcgcacag	cacgcgctgc	agctgaggca	ggaagctttg	960
gagatgagcc	gtaaccgtat	tgccgaaaac	ctgggggatg	tccagataag	tgacaagatc	1020
accatctcaa	agaacttcaa	ggagaatgtg	attcgcccta	tcttgaaagc	tcacttccgg	1080
agggatgagt	ttctgggacg	gatcaatgag	atcgtctact	tcttcccctt	ctgccactcg	1140
gagctcatcc	aactcgtcaa	caaggaacta	aacttctggg	ccaagagagc	caagcaaagg	1200
cacaacatca	cgctgctctg	ggaccgcgag	gtggcagatg	tgctggtcga	cggctacaat	1260
gtgcactatg	gcgcccgcctc	catcaaacat	gaggtagaac	gccgtgtggg	gaaccagctg	1320

```
gcagcagcct atgagcagga cctgctgccc agggggctgt actttgcgca tcacggtgga 1380
ggactcagac aagcagctac tcaaaagccc agaactgccc tcaccccagg ctgagaagcg 1440
cctccccaag ctgctgtctg agatcatcga caaggacagc aagactcgca gactggacat 1500
ccggggcacca ctgcaccctg agaaggtgtg caacaccatc tagcagccac ctgcctgctc 1560
ctatgtgccc tcaccatcca ataaaggccc cttggctgtg gcatggcaaa aaaaaaaaaa 1620
aggggggggcc gtttaaaaga acccttgggg ggcccaaatt taacccgggc gggcaaggaa 1680
aaatTTTTTT ctttatgggg ggccgaataa aaaccaacct gggaattttg ggaaagaacc 1740
cttatttttg gggggggaca aattgggcca acctccctac aaaaattaaa ggcttttaggg 1800
aaaaaaaaaa tttttaaggg gaaaaggggg aaaaacaacc ggcataccct ggcggttgga 1860
aagttttgtt tacggagtat gatttagaaa aatttt 1895
```

```
<210> 3654
<211> 983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(272)
<223> similar to gil710216 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 3654
ggggtcctct cgctctgtcg cccaggcggg actgcggact gcagtggcgc aatctcggt 60
caactcaggc tctgcttcct gggttcacgc cattctctcg cctcagcctc ccgggtagct 120
ggggctacag gcgctcgcca ccgcgcccgg ctaatttttt ttgtattttt ggtagagacg 180
gggtttcgcc ttgttgcccg ggatggtctc gatctcctga cctcatgata cgcccgctc 240
ggcctcccaa agtgctggga ttacaggcgt gagccactgc gcccggccag aatatagcta 300
agttttaagc aagtgttcac taggcataag aatatacatc ctggagagaa atcacagaag 360
tgtagtatat gtggcaagaa tactacttaa aggtcaaaac ttgtggatct ataactcaaa 420
gtgcagatat gctttacaaa tgaaatgagg gtggcagaag cttcaccaga gttcagtcac 480
tacttgagag tttatattgg aaagaaatcg tataaatgta tgtgctagag gcttccccga 540
ggtgtctgaa ctcaactagac ctcaaaatat acatctttga caaatgtaat gtgtgtgcta 600
agacttttta ccgaacatc caaatggaaa catcagagta ttcatactgg agaacagtct 660
tacaaatgta acgaatgtgg taagcctttt taaaaatcaa atgggctggg tatgggtggct 720
cacacctgta atcccagcac tttgggaggc cgaggtgggt ggatcatctg atgtcaggag 780
tttgagaccg gcctggccag catggtgaaa ccccatctct actaaaaaat acaaaaatta 840
gctgggcagt ggtgggcacc tgtaatcccg ctacttggga ggctgaggca gaagaatcac 900
ttgaatccag gatgtggagg ttgctgtaag ccgagattgc gccattgtac tccagcctgg 960
gtgacaagag tgagactctg tct 983
```

```
<210> 3655
<211> 3848
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (3849)...(0)
 <223> similar to gil665803 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3655

tttttttttt	ttattctctc	ataaaaaatca	tttattggac	acatcagaaa	tgacaatttt	60
ttctagtata	gtagttgtat	gcatctgtaa	ttgcaattca	gtgtaaacta	catgttacia	120
gtcactagaa	atctaattag	caggatgaat	ttaataaaga	acaagaggaa	ctatcgagtc	180
taccacggac	ccagccattg	agtctcattg	ggaggagtta	aatcaaata	caaactaggt	240
gttgccctgc	aacagggttt	tctgtaggcc	aaggaaaaac	caaggacaca	cattaaacag	300
ggattaggca	cccattccat	aaattagggg	tacacttaac	tagaaaaaga	ttgtaactga	360
tagaaataat	ctaaataaag	taagcacaaa	agtaaataat	tagctattta	catatattcc	420
tttttgccaa	aactttaatt	tgtttagcttt	cccactctat	ctcttccctt	ctatttggtta	480
ttcttggttt	ttcatggtga	atttcttggtc	tcactgaaaa	atatttagac	aactaattag	540
aacttctttc	cgggtcctac	ctttcctaaa	actttatgac	aaactaatga	atttcaaggg	600
taacctatgt	aagtctatct	ctatatagaa	gtaagatgca	ttattattct	gctatcagtc	660
atagtaatga	catacagtc	catgtttttc	caaacattgt	ttggactact	ccagaaaatt	720
aggctgtgaa	tggcagcaga	gtggatggat	ttttcattca	taacaggcac	agatagtata	780
tatggagaca	agcatgttta	tcctgagaat	gtgaatgctg	tggactgcaa	ctcaagatct	840
cccattactg	agaatgggtc	ctttgccctc	tggctactct	tttttttttc	aactgtcaat	900
ttttaaggcg	tggatatcata	gcagcatcag	caaataagaa	tgctgacatc	atttctacca	960
agaagggctc	tgtgatgagt	ggcagcaggt	accataatta	aatagtgcag	ctgaaaaggc	1020
attgagttgg	tacatttctg	gtgctatggc	cagaatgtgt	ggatttttag	catcattcta	1080
ggaagcctga	aagatcttgc	ccatgagtc	ctttgacctc	tgcccatttc	ctttctagta	1140
catatgacca	tttataatta	ttttattttt	gctttttctc	ctactggaat	ataagctccg	1200
aagggcagag	accatgcctg	tctgttcacc	actgtgtccc	cacagtgtcc	tagaacataa	1260
tgttctagt	tcttgaacag	tgccctggta	atagtaggtt	ctcaattaaa	agcttttatt	1320
aaataaacga	accaaatacat	taagtccctt	ggtttgccctg	tgtcttagag	actttccaat	1380
tttatacagt	ggccagggtt	ctggcctatc	ctaattatag	agccatccta	acgatcctac	1440
cctgatgtga	acctgtgtag	cggatatttt	tgtgcttcaa	tgagtagtaa	aacttctcag	1500
tgatagattc	atttctccaa	agcttagctc	tgccagagct	aacgctacag	gagaggtaag	1560
agggtaagaa	cattctagca	ggtaagctgt	atgctacaaa	ttcagctcat	tcttccctac	1620
ctccccctac	aacctcattg	tttgacagaa	agcttaagaa	aaaaagttag	caggagaatt	1680
ttctcctggc	ggtgccagtc	cagtaagtca	ccaataacct	gatcagaaaa	gaaagaaaat	1740
ataactcacc	tacataaaaa	attaagttaa	ataaaagcaa	aatctgggag	tggaaccaa	1800
gtgacttggt	gggctgtcta	ggctcctttg	tggttagaat	tggttgacat	ggaagcggaa	1860
gcaggcatga	cagcggagga	gaggttgaaa	gggaaaagg	cagagctgtg	ggtgtaaga	1920
ctgcagagga	ccagcttttc	tctcctcctt	ctcccactcc	tgccaactct	gcacccacc	1980
acggctggct	gagctccttg	ctgtggctct	cgcaggcgga	ggtaagaaca	ggcagctggc	2040
gcctccacgg	cacatcctta	ggctattaat	gctctgctgg	agtagaagtc	ggggactggg	2100
agcccggtgt	gcagcgtgac	ctgcacgttc	ctgttcaggc	tgaccgcagg	gaagaagagg	2160
ccctccacgt	tatcaaatgc	tatgggacct	tgttgttcat	cgttgataaa	aaatgtcaag	2220
ttttttctat	ttaagtcgag	gaggacccca	attgtggccc	cttttgat	ccctccctca	2280
gttctgttgg	tgtgcgagtt	gttgtgcatg	aaccagctcc	ggttattgtc	cacatacatt	2340
gccaagctt	tgtcgtcttt	tcctaacatc	acatccttca	tcacgtccat	gcgagccaca	2400
ccaaaggcag	gatcagggtg	gttgtcatag	cgatctaccg	tgagctccca	gtagtggatg	2460
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gtcagggttg	cattggagag	gatgatgtcc	gagtgccggc	agccagggtc	gaaagcaaac	2580
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ttgaaggcct	tgaccgcagc	gttgtatgtg	ctgttgaagt	gaagaccatc	cacagtgcac	2700
attgtctcct	tccccacata	cacctcccgg	aattgaccac	cgttgccatc	atccagctcc	2760
agaatgtatc	catcggcggg	caccgtggac	agaggtggct	gtttccagga	caacgtagcg	2820

ctgttgttgt	gggtacaaca	ttcctccagc	tgtaggatag	gggttgctgg	gactggagag	2880
gaagctttca	cttgcacgaa	atccagctgg	tggatggatt	gcagcagagg	gctgttgtcc	2940
agactcaagt	caaagtccgt	ggtcacacct	ggagtgagtg	tgcctttacc	ccactgatcc	3000
tcagtcaggt	gcactcttct	tatgagggcg	tcagaaatct	gcaaaaaacc	actaggatca	3060
ttttccttaa	tcacctccaa	gcagtactcc	atgagacctg	tggctctggcg	caatttcact	3120
gtgcagttag	agatctgatc	tcgaaccacc	ttcagcttgt	gctcatgctc	cttgttgacg	3180
cgggccagca	gctgggcttt	tcttctgttg	agggcatcga	tgagggcatc	acattgggcc	3240
accagacagg	cttcaaactc	cacactgttc	tcttgatctt	gctggaccat	gttgccgacg	3300
tgtaccagaa	actccttggc	ttctttggcc	ctgtctgaca	gtccgttcag	cgctggggag	3360
agctggctct	tatgtagttt	ccacatggcc	cccagagcct	tgacttcgtg	gctggagtg	3420
ttgccctcct	ccaagcactg	gtagcacacg	ggcatcttgc	attgcacgca	gtacatgctg	3480
tggttctcca	gctcgtggtc	tgtgcaggtg	gagaccttgc	gtgggctcag	cctccggctc	3540
acacgaccct	ggggccgggg	caccaggcgg	tgcttggtta	ggggcccccg	gggcccgttg	3600
cagcgcaggc	ggcacggatc	gcagtagaag	acatcgactt	gttcgcacat	gacggtggct	3660
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agggccgg						3848

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<210> 3656
<211> 6995
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3900)
<223> similar to gi3327058 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3656						
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<210> 3657

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1071)...(481)

<223> similar to gil665823 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3657

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<210> 3658

<211> 1841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1843)...(513)

<223> similar to gi3415109 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3658

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<210> 3659
 <211> 1917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1069)
 <223> similar to gi4583418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ataattttaag tggcatcttc tctcccaccg ggtctacact agaggatcga ggcttgtgat 1380
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tatagtgact gacaaatatt gtattactgt acatagagag acagggtgggc atttttgggc 1500
tacctgggtc gtttttataa gattttgctg gggttggttt ttttttaatt aaaaagtttt 1560
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gcagtgggtc ctgctgtctgc cagcaccggg actgccagct gctgtgcctg cctgccagga 1740
acctgtgggt ttttctgtaa atttagacac tgcattttag gactgaggga gggttatttt 1800
aagggtgttc tttgagccat aaattgcctc tttgccccac atgctgggga aagtgtgtgt 1860
cccactgacg tggcctcctc tacgttgaaa aaaataaaac tacttacctc ttctctgg 1917

```

```

<210> 3660
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1293)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (904)...(621)
<223> similar to gi726395 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3660
ttttttttta aaaaggtttt gcatttcata tttattatca gtgcttcaat atagaatggt 60
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ttttccagta aatatttttt ccccagacaa aataaccaa cctaacacaa tttcaagaga 180
tggtgatacc atcagcataa taacccaaat tacaaaaatg gcaataactta aaatcatgca 240
tattattttca ccatttcata aaacttattt taaaatttct acaaactttc ccagtgtaaa 300
agactcctca aaagctgcat gataacatta aactacaaaa ttacttttgg aaaagtaggg 360
agttattttt ctaatttttg cttaagatt ttttttttta aatgggttaa aagatacggg 420
gaggagtgtg ttgagagagg tggagaaaag gagcttcag tcaatgcatt caccatatct 480
gaaaatactt cagttatata aagggaacac ttcgagagta aggatataat ataaataagt 540
ctctcagcaa gatgaacgga tgaacagttc aattgcaccc acaggagaga ggtcttcttg 600
gagaatgctt gtttatagaa tcttctgtaa aatagagttg gctacttcta atgattcatc 660
ttgtactaaa acaatatcat aagagtccat gtacttttct aaaagctcat ccactctatc 720
atttagatat ccaattttca gaatgtgctc aacattggcc actccatctg ccattcttaa 780
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attctgtatt cctcaaggca ccatcatgtt tgttaaatac atgaattagt tctcctttaa 900
atcctttgag cccccctat gaaaaatata aatcttttga acaggcttta aaaattctat 960
ttgttggtt ttcataattt ggagctctta attgatgtca ctattatttc atcataattg 1020
taaatacatc tttgatacta gagatctcaa agcacttaag tccatcacat tcaccatagc 1080
taagaagggc tcggagaagt aaatgatttt ttagatacta ttttaaatgg taaaacaaag 1140

```

gccgggcgca	ggggctcccc	cctgtaatcc	cagccctttg	gaaggccaag	gaggccagat	1200
ccctcaaggt	caggagttca	aaaccaaact	ggccagtcga	cgcgggccgcg	aattccagat	1260
ctgttttcgt	gntnctgann	ccgccatggc	tt			1292

```

<210> 3661
<211> 2092
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (428)...(685)
<223> similar to gi407992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3661						
ttgcctgttt	ctctttctcc	caaagagctg	ggattaccgg	tgtgagcgag	cgcaactctc	60
cccccaaatt	gtttaccttt	acccgaagtt	ggtatgcatt	gacttacctg	tggacaacag	120
tgatttttgt	ctcctgtcct	tactttctct	tgtctccaac	tctcagggac	tcattcatca	180
cctctccctg	cacccccacc	cctgaccogt	gctagtttgg	tatctatgcc	tgtagctttg	240
ctttggggca	tcactctgaat	ctcatactgc	acggcctttc	agatctggct	tcctgcactc	300
aatgtcatgc	acgtctctta	gtgccgtggt	cccttaatgc	tgagtcatgc	tccattgtat	360
ggatggacca	catgactgat	ttgcctcctg	tccttagtcc	tctcagcctc	caactctcct	420
tcctgcaggc	attgatgttg	aacaagtgtc	tgtcgtcatc	aactttgata	ttcccggtga	480
caaggacggg	aatcctgaca	atgagaccta	cctgcaccgg	atcgggcgca	cgggccgctt	540
tggcaagagg	ggcctggcaa	gtgaacatgg	tggacagcaa	gcacagcatg	aacatcctga	600
acagaatcca	ggagcatttt	aataagaaga	tagaaagatt	ggacacagat	gatttggaag	660
agattgagaa	aatagccaac	tgagaagctc	caccagccac	tgatgccagc	cctggcactg	720
ccctgcaca	ggagacaagt	gcatttaggg	cacaggcccc	gacatcaccc	caaggacaac	780
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tccccacttt	tttaaagcca	cattccccca	tctttataat	aatctggtca	cagtggtagt	960
cgctggcccc	aggacccccct	cctgattttg	gctagggcatc	gtggaaccag	ctccagcccc	1020
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ccaccgctgt	gcacgcgaatg	agggaagtgg	cagcagagag	gccagagctg	ccccctctct	1140
gtctcttcaa	tggacccttc	acaagtgttt	ctcctgccct	tggggctgtc	ttcctttctcc	1200
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aaagcagact	tgcatatccc	tgatgagcag	ctcggctact	tttgtaaact	tcagatttgg	1320
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tatgaccaag	ggaattatgc	tgttcattta	taatagtggg	cattatggag	agctctgatt	1620
cctacataat	atgaataagg	atggataggc	cgggcgtggt	ggctcatgcc	tataatccca	1680
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tagaggctgc	tgtgagctga	aatggcgcca	ctgcactcca	gcctgggtaa	cagagcgaga	1920
ccccgactca	ataaataaat	aaggatggat	aaattgtagc	gtatgcacca	ttcattatgc	1980
taagacattt	taaagtaatt	atgagaaacg	ctctactaat	gatttgtttt	tatttgattt	2040

09458725.01.100

tttctgctta ttagacgaaa tatatactca ttttaaaaaag gaaaaaaaaa aa

2092

<210> 3662

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (905)...(332)

<223> similar to gi4884206 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3662

tttttttttg	tgagaaaaagc	cggttgaggtc	ctctcaaadc	tgcattgtgag	caagtaggtc	60
tacaacaggc	aaacataactg	cttcccgcact	tctgaaaagt	caaggaatcc	taagtaatct	120
agatgaaaaa	gtgactcctt	ggttttcttca	cattcccctc	caagagccca	gtgagccatc	180
agctcctggc	cagcaacaca	cctgatacaa	aatgggagaa	gtgtataaat	tattatgttg	240
ataagcaaga	taagtgccaa	agggtagata	agagtgaag	cattgggaag	cctggcagag	300
tgcagtcagc	aggtcagttc	ctggcggttc	attgagcagc	ttggcccaaa	gatgtaagtg	360
aagtccctcc	tggtggaggg	atgagagcag	ctccagttac	tcggccttca	tgacacagga	420
agttgaaggt	ggcacaggca	ttgggcgtgt	cctgcacttc	cacagcaatg	ccccgctgcc	480
tcatggcttg	aagcacctgg	gactgcagcc	tctcgggtccg	gtctccagtc	cccaccacca	540
cgatctctat	ccggggctcc	agcaaccaga	agagggaaaa	gctgtcttcg	gtgatgtcct	600
ggtgggatcc	cacgttccac	tgcaaccaccg	agtgcgggag	cagagcgag	gggccgagca	660
cgcggtttcc	gtttatcatg	aagccgcggc	tggtgtagct	gtcgatgtac	attgcctgag	720
cggcctcgcg	ttgcagcaga	gagatgcgcg	tccgctgata	cagctcgtca	tccgcggcg	780
agagccgatg	ccctcgccgc	ggggcccagg	gaagctcaac	gggcggacag	cgagcgagg	840
gtcgcgctcg	gtacaagcta	cgtagcgcca	gagcggtggc	catggctgac	caacgcgcgg	900
cgaagtcgtc	accggcgccg					920

<210> 3663

<211> 1189

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1178)...(122)

<223> similar to gi899493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3663

ccaactatga	caacgtccca	gggcaatctt	catgcttagc	gcactgcgtt	gcgcctggga	1080
gaccgcgtgc	tgctggatgg	ccagaaggtc	aggggctggg	atgtgtgttt	gcatggtggg	1140
tgggggtggg	actcagccc					1159

<210> 3665
 <211> 5530
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(4500)
 <223> similar to gil504040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3665						
agccggccgt	ggtggctccg	tgcgtccgag	cgtccgtccg	cgccgtcggc	catggccaag	60
cgctccaggg	gccccggg	ccgctgcctg	ttggcgctcg	tgctgttctg	cgctggggg	120
acgttgccg	tggtggccca	gaagccggg	gcagggtgtc	cgagccgctg	cctgtgcttc	180
cgcaccaccg	tgcgtgcat	gcatctgctg	ctggaggccg	tgcccgcctg	ggcgccgcag	240
acctccatcc	tagatcttcg	ctttaacaga	atcagagaga	tccaacctgg	ggcattcagg	300
cggtcgagga	acttgaacac	attgcttctc	aataataatc	agatcaagag	gatacctagt	360
ggagcatttg	aagacttgga	aaatttaaaa	tatctctatc	tgtacaagaa	tgagatccag	420
tcaattgaca	ggcaagcatt	taagggactt	gcctctctag	agcaactata	cctgcacttt	480
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atgaagagat	tgcgactgga	ctcaaacaca	cttactgcg	actgtgaaat	cctgtggttg	660
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ccagttgacc	cgcggtgaa	catcacgcct	tctggcgggc	tttacatata	gaacgtcgta	1260
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ccatcacaag	ctatgttttaa	aaagaaaatt	ggtgtttggc	aaacggaaca	gaacctttga	5040
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```
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aaaaaaaaaa 5530
```

```
<210> 3666
<211> 4254
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4255)...(2061)
<223> similar to gi3882261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 3666
tttttttttt ttcttgcttt attaggttta ttataaggag cagtgatgag atctttatca 60
gtcctcacta caaagctttc atctccagcc ttctccatag ctctgtggag ggcagagagt 120
tgagggaagg aagaatggag cttgggagca tgggatcatg tatgtataacc aggaaagaaa 180
acacacattc tttattctat tgcttcaaag acagtttgtg agaatggaag ataacaagca 240
cagctggcca ggaaggcagg gcacacatgg caggtcaagt tcctgctatc cagggagggtg 300
gcccagagct tccttgctgc tcctggagga agcagagtcc aagctggccc agatgaggcc 360
ccgggcagca ctgcttctgt gtgggtatgg ccagtcggga cgtggcgcca cacactgctc 420
ctccgaactc tgggtgaagg ctgccagcc tcacaggcct gaggcagagtc tcccacatct 480
gcgaatgggg ccaatggcac tcactgtctc ttcaggcccc cagggaacgg atgcctgggg 540
aagcctagtc tacttaccat cagcacgttg atctgtcaca cagcatggag ccatagttta 600
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<210> 3667

<211> 4956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3207)

<223> similar to gi5689469 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3668

<211> 1647

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1500)...(1127)

<223> similar to gi536926 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3669
 <211> 2126
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1954)...(463)
 <223> similar to gi971461 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cccgtgggtt	gaaagcatac	agcttatagg	ggtcgtcacc	aacgcgccac	tttttggcat	1920
tcagataccg	ccgctcatca	aactgggtccc	acaggtcgtc	ccagtcagcg	tccgaaggct	1980
taggggtctg	cacttcaggc	cccgtcggca	cctccaactt	cctcttggtt	accagaaga	2040
acagcagcac	cgtgatccag	agcaccgccg	agactggcag	aaccagccga	cgagtcaggc	2100
gccgcatggt	cccctttgcc	acgaaa				2126

<210> 3670
 <211> 698
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (78)...(569)
 <223> similar to gi4150939 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3670	
gcgctcctgg	ccgtggccct gaacctgctg gcgctgctgt tcgccaccac cgctttcctc 60
accacgcact	ggcgctctac agctgggaga ccggcgacga ccgcttcctc ttcaggaatt 120
tccacaccgg	catctggtac tcgtgcgagg aggagctcag cgggcttggt gaaaaatgtc 180
gcagcttcat	tgacctggcc ccggcgctcg agaaaggggt cctgtggctg tctgtggtct 240
ccgaggtgct	gtacattctg ctgctggtgg ttggcttcag cctcatgtgt ctcgagctct 300
tccactccag	caatgtcatc gacgggctca agctcaatgc cttcgcggct gtcttcacgg 360
tgtctcagg	cctcctggga atggctcgccc acatgatgta cacgcagggtg ttccagggtca 420
ccgtgggcct	cggctcctgag gactggagac cccattcctg ggactacggg tggtccttct 480
gcctggcggtg	gggctccttt acctgctgca tggcagcctc tgaccaccacg ctcaactcct 540
acaccaagac	ggtcattgag ttccggcaca agcgcaagggt ctttgagcag ggctaccggg 600
aagagccgac	cttcatagac cctgaggcca tcaagtactt ccgggagagg atggagaaga 660
gggacgggag	cgaggaggac tttcacttag actgccgc 698

<210> 3671
 <211> 2146
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2140)...(1996)
 <223> similar to gi2580578 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3671

ccactgtggc	gtttgatcga	taaacgcaca	tgcgaggtgg	aggggtggctg	gtgtgtaatg	60
tgcccggcag	ccttcatagc	aaaggagaaat	tctagaacca	accgaagtgc	ccctctgaag	120
ggagctggtc	ccgtccgttc	cagccgccgt	ggagtaacac	agccagcagt	ttccctcctg	180
ccacgaaaagc	tcgagactga	aactcaggat	gaactgtttt	cagcccgggt	caccccagcc	240
ctgggggtgga	ggccattga	ggatggccga	gcaggggagg	gcatccaggc	aggtccagca	300
gtcctggcgg	gctgaggaga	aggaggtcag	tgctcaggga	gacatccgca	gagggacctg	360
gcaggcagag	ctccagaagg	gagggaactg	cacagacaga	aagctccaga	aggctgcctg	420
agggcctctg	aggcctccgg	agtcaggcgc	catgcatgtg	gaagggtggac	tcttcagcat	480
ggatgggacc	ctagggggct	gtggaccccc	ggccctggg	actcacagg	gggagacagg	540
agttccaacc	gccaggggga	gagtcctgga	ggatcctggg	ctgttggcag	ccacccagca	600
gggcccgtcc	tgggagtggg	gctggactct	tcctgcagga	aaggctgggc	tggacctgct	660
ctgagagggt	tcagaaccag	ccacacgaag	accaaagtga	agagcaagga	gctgaactcc	720
acgcagaaca	cagcgcagcg	tccttttaaag	gaaggccaaa	aacaacccaa	caaaaatgcc	780
aggtgatcaa	agcggtcaca	gcacaatgtc	cacatccaac	gagaaattgc	tactacgtcc	840
agacgcaggg	aaagggtggc	gtgggaacgt	gagtcagcag	caacaggccc	agaagggcag	900
ccacggtgga	cttgtcagac	gtggaccctg	aaatgacaat	cacagcatga	tttcaggcag	960
gagcctgaaa	tggtacagct	ttggacatcg	gtttggcaaa	ttcttttaga	gagaaacaca	1020
caccttccct	aggacccagc	aactccactc	ctaataacca	agtgaatgg	aaggagtgtg	1080
cctcagcaaa	acgtgtgtgc	ggaagttcac	agtcactttc	tcggtgataa	ccaagagctg	1140
gaaaccactg	caacaccac	cagcagggtga	acggattaac	acactgggct	agggccacac	1200
aatgagatgc	tccgtggcaa	cacaaaatga	accgtggaca	cacactgcac	ggcggatgaa	1260
tatgcagaca	tcaggccacg	tgaagggagc	caggccccga	ggcgccacgc	tttgtgattc	1320
aggggtggctc	ctctgcgccc	aagaccgggc	tgccctcctcc	tcttcctggc	tgcaaggagt	1380
gcttgtgtct	gaagaacgcc	aggctggtgt	ccccagaggg	cggctggagg	ggctcagaaa	1440
ccattttcac	cttctgtctc	ctccatgtct	gcactgtttg	ggtttgtacc	cgctgtgtc	1500
gcttttgac	gggaagtga	atggagagac	acgtgaacca	ccattgctgg	ggttccagca	1560
tggggcccca	ggggacccat	ggctttccca	gaagggaagct	ctgccattgg	acagccggtc	1620
tcaggctgct	gcacaggccc	ctccccgccc	tcagccctgg	cctgcgggaa	tcaggaaagg	1680
gtgggggtcca	gctgcattgc	gaatggacta	aagccactga	tttgcacact	tgccaatggc	1740
tgaaatggtc	aataaaacgt	catgtacctt	ttgccacagg	aaagaaagca	cgcagccaaa	1800
gagcgcaaa	aggctcagag	gaggccccggg	tgccctggag	agacgctgcg	gtcctgacga	1860
cacagcatcc	ctgtccgcca	gcggagattt	tcccagataa	agaattcccc	ggcgggagac	1920
agggccctgc	acacaggctc	tttgccatgc	tgctcaccat	gcctgtgtgt	tatctcccca	1980
tgaaaagtca	cctaggccga	gcatggtggc	tcacgcctgt	aatcccagca	ctttgggagg	2040
tggaggcgtg	cggatcattt	gagatcagga	gtttgagacc	atcctgagta	acatggtgaa	2100
accccggtttt	taggaagaat	acaaaaatta	actgggaaaa	aaaaaa		2146

<210> 3672
 <211> 1193
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1195)...(1011)
 <223> similar to gi299471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3672

tcctagtcca	tgtggaggaa	ttcagcccgt	taggacgtgg	gaaggtccac	aggtggggcc	60
gagtaaagg	ggacaggaga	cgtgcggggc	aggacctcgg	ggctggatgc	agaggccggg	120
gtggtggaaa	ggggaggaga	actgggcagg	gcagataagt	gggtggggcc	tctggagggtg	180
gcgggggcaa	ggttggagcc	ccgggacgaa	gaagggacgc	gggtcagcga	ggcctgaaga	240
gtggggaggag	atgggacccg	gctgtagagt	gcccagaggt	ctaggccagg	ggccgcgctg	300
ccgcagggaag	atgcgagagt	ttggctttgg	tgatctggtc	cacccggggc	cagtcttgcc	360
ccctctgcca	ccgcagcgta	gggcctcctg	cattccgttt	ctctggccgg	aagggtctag	420
tgttcatccc	tctcaggctt	tggcctcctc	ccactctccc	gccctggggc	ccattcggtt	480
aggaagaatg	ggagagccgg	tctgtggccc	tgggcggggg	aaaggaggga	ggcttggtaa	540
acctctgctg	gggaggaccc	agtacagtgg	cagctccttg	tcggggaaaag	aacggatctg	600
gggaaagaac	ggatctgcgt	cacacgctct	tacaggggaa	ccctaagggg	cctgaggggt	660
agggtcttgt	ctccacccag	agggaaggag	aaatttttctg	agtcgtaaag	aatgtatca	720
gaagccatgg	aacatttaca	gccgcacacg	ctgggtctcc	caacaaacag	atccccaaaa	780
tattttccag	tgctgtactc	gtggcataga	cccagacca	cagaccagga	ggaagcgcta	840
gagatgtcaa	cagccaacaa	aaacagtgtc	ttacacactt	gtaaaattgt	gacctacagg	900
ggctgggcac	tgtggctcac	gcctgtaacc	ccagcacttt	gggtggccaa	ggtgggagga	960
ttgcttgagc	cccaggagtt	cgagatcagc	ctggcaaaca	tggtaaaatc	ctgtctctac	1020
taaaaataca	aaaattagct	gggcgtgggtg	gtgcatgcct	gtaatccag	ctacctggga	1080
ggctgaggca	ggagaattgc	tggaacccaa	aaggcggagg	ctgcagtgag	ccgagattgc	1140
gccattgcac	ttcagtttctg	gccacaaagc	gagagtccgt	ctcaaaaaaa	aaa	1193

<210> 3673
 <211> 2427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(972)
 <223> similar to gi1109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3673

agacagttaa	tgaggctctac	aagctgggtca	tccccatcct	agaagcgcat	cgagaattcc	60
ggaagctgac	actcactcac	agcaagctgc	agagagcctt	cgacagcatc	gttaacaagg	120
atcataagag	aatgttttga	acctacttcc	gagttgggtt	cttttgatcc	aaatttgggg	180
atttgatga	acaggaattt	gtctacaaag	agcctgcaat	taccaagctt	cctgagatct	240
cacatagact	agaggcattt	tatgggtcaat	gttttgggtg	agaatttgtg	gaagtgatta	300
aagactccac	tcctgtggac	aaaaccaagt	tggatcctaa	caaggcctac	atacagatca	360
cttttgtgga	gccctacttt	gatgagtatg	agatgaaaga	cagggtcaca	tactttgaga	420
agaatttcaa	cctcoggagg	ttcatgtaca	ccaccccggt	caccctggag	gggcggcctc	480

09483723 "013100

```

ggggagagct gcatgagcag tacagaagga acacagtcct gaccactatg caccgcttcc 540
cctacatcaa gaccaggatc agcgtcatcc agaaggagga gtttgttttg acaccgattg 600
aagttgccat tgaagacatg aagaagaaga ccctgcagtt agcagttgcc attaaccagg 660
agccgcctga tgcaaagatg cttcagatgg tgctgcaagg ctctgtggga gctactgtaa 720
atcagggacc actggaagta gcccaagtgt ttttggtctga aattcctgct gatccaaaac 780
tctatcgaca tcacaacaag ttgaggttat gctttaagga attcatcatg agatgtggtg 840
aagctgtaga gaaaaacaag cgtctcatca cggcagacca gagggaatat cagcaggaac 900
tcaaaaagaa ctataacaag ctaaaagaga acctcaggcc aatgatcgag cggaaaattc 960
cagaactgta caagccaata ttcagagttg agagtcaaaa gagggactcc ttccacagat 1020
ctagtttcag gaaatgtgaa acccagttgt cacagggcag ctaagaaaag ccatcttcat 1080
tcgtggagac tgtggccctg caaccctgga gaaggacttg ctggtactta aaaaatggga 1140
catttgccac ccaggactga ctgtacactc cctgatcagc cagcactctg gaagcttttg 1200
gatcccgagg accatggaat tattcccaa tggactctga ccagattttt gccatactgg 1260
ggggtggcgg gatggaggat gggactcag gcatgactgc gtatttatta aagtgtgttt 1320
ttccacaatg taccaaaca ggcataagca gcttctcctg ctgactggcc aatcactgcc 1380
catctgagag atgatttctt ctggcccata tttgaattta ttggagtaac tcaaattgcc 1440
tgaggaaaaa tggaaaaatt atccaccagt cgattcaaac tgaatttcac tctttatagg 1500
aaggcagggc aaacttgtag gagtaccgaa acattttcaa taaatctaca aagggaagcc 1560
ttactacaat tccaaaaatc atcatggttg gaaatttggg aggaggatta tttgtgaaac 1620
ttgttaccct tttggtaatg gtggactaat ttgctgtata gttatttttg ttttattatt 1680
actgttacca ttaattttta catgcattta tagaagaata cattcaaagc actgatgtag 1740
gagatacacg gtacttggag cagtcagcca aaaatcacag atactgcttt cacttaaattg 1800
gaaacaattc tccgataatg ctttgctttt tttcttatgt cactcttggt tactatctat 1860
ttttctcctc tctgggacca agtttctttt tataaagcaa taatatctct gttttcattt 1920
cagaacattg tgctgtctgt cagcatatgt atatcagcta caaaatatat tcaactttga 1980
cttcttttga caaaggactt taggaaaaag aggaacaaag acattatttg agaattaaat 2040
tatatatatt taatatgact gtgaccttga ctgataataa agatgtaata agaattgcaa 2100
gctaaatggt tccctttgca actcatgctt tgtgttttgt tttgatgacc tactcgctcg 2160
taatgttttg taaggcactt cagagagaag acagatgcat catcctggcc tccatcaaatt 2220
aacactatcc aaggtggcac ctcttctgca atgtttaacc ctgctgttgt ccatttgggt 2280
ttgtttttta cagtctcttt tgtaccacag tggatacatt tgcttcatga gtgcaggaac 2340
catgttcact gctgcattct taccctagc cctgggtcca cctagcctgt aagtgcctcc 2400
tgaggggtatc aaagcacgcg gacttcc 2427

```

```

<210> 3674
<211> 1766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1767)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1552)...(1077)
<223> similar to gi5824799 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


09480725 042100

```
<400> 3674
tttttttttt ttagaaaggc agatgatttc tttattgtaa agacagcagt tacaaaagag 60
aataaatatg acattaggat atatttggtta aaaatacaac aaaaaccctt agtatttgtg 120
agcaaccca agaactcaca agtatggggg ataagaacat ctacagctgg ataccctgaa 180
acagatgtta gaaactggct aatggtgagt atggccatga ctttggggat gtttgaaagg 240
ccctggatct gtcacttggg aacgtcagcg gtctactgta atacaatttg cacagagtca 300
gagtgaacag gaaccctttt actcattggt atcctaacta ttctttcggt cttacagtga 360
agtagtacag tatttaagag tggggaaaag gctgagctgg gaagacatag acggagcaag 420
gtgaagaggg agggactggg ggaatgctaa ggggccagga gaaaggtggc aggaaggagc 480
agacctctgt cttttctcta atgtgtgtta ctgtggtggc atgctgttcc tcctgttgaa 540
gagtggacgg gcagtggctc acccagcctc cattaagacc caccattacc caggaacaga 600
agatgcaaaa gcaactggca gaatcctacc aaagatgaga acagggaagt tgaatgtgaa 660
gcagagagga gtgcagagaa ttctccgaga aaatgggcat tttctctgag gacccaaaaa 720
gacagacata tctacacaaa ttgatatagc agactactct ttgatgggga atggtaaagg 780
gacaaggaca aagtgaagggt tgctgagaag atacaagttc tggctataag aagggcagag 840
gagcagagggc aggagacaga ggtgggcagg catctggccc accccaggac cctcctggag 900
gggcttggac actgggagga atgaaggctg gcacgggagc tggcacgggg tgggtggatgg 960
agatgctggc tcagggaggg gaccgacagc agtgatgaag atgcctagtc atctcttctc 1020
ggggcatctg tgaggcacag ctgtgggcag agggcaaggc cagcaggact atgtattgaa 1080
gttggccttg agtttctgga aggctgcctg gcggagccgc ctctcctcct cctcccgtt 1140
ccgctcatct tgctcagctt tcaactctgc ttcaaaactta ctggccgatg acaaggcttg 1200
gaccttggct tcaaagaagt tcttggcacc tttgacaccc tccagggccca catcgatctc 1260
agaaagcttt gccagcgcca tcagcccact gtcctcctgc agctcccctg ccgcggcctt 1320
gtggaaaatg agcaggaact cccggaagct gagcttgcca tcgaagtcct catccacctc 1380
cttgatcatg ctcttcaggc ccagggtgggt ctggggggcc cccagcttct ccatcatcag 1440
cttcagctcc atcaggtcga tgaagccatc ccgcccagcg tcatacagtt tgaacatgct 1500
ctccaggtcc ttgatgaggg ggcggctgaa ctccggggaa ctccgtgtag gggttgaaga 1560
ccctgcagcg ccggggccgc gcagcgccct cgcttgatgtc cagccgccgg ctccagctggg 1620
cgctcastcc gcgtcggcgc tggccgtggg cgacacggcg ggaggctcgg gctcgggctt 1680
gggctccggg gctggggcgc cgaggggagc cagctggggg ccactctcct cggcckcccn 1740
scgcccgcagc cggcgctcca gcttgc 1766
```

```
<210> 3675
<211> 2416
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2417)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2383)...(2122)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3675
tttttttttt ttttttttca caagttatat tttattttta caccaggatt aacatatagt 60
```

tacaaggtca	atacaagcct	ccagtggaag	ctctttat	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaatgc	180
ctccaaagtt	tagaattagt	gcaacacaca	tacgaacggt	ttaaagggtgc	tcaacatcag	240
gttaaaatag	aattctggac	ctttttaaaa	agtttttgga	tgatataagc	acaggaggca	300
gagccaataa	gaaacatgaa	accaatat	ctggaaaaac	acttagcatg	aacgtcactt	360
tttgacgtcg	tgtaaaacttt	cttctgcaat	gacggatggt	accaaaggc	attgagacct	420
ttgcgctgcg	ctggtagac	aagccgcagg	cttatctcca	cggtgagcag	gataaaaacc	480
cccaaggaac	agcccatgac	aaccttctgt	gcctttttat	actttcccat	cctacaaagg	540
aaaaactggg	taaaggacaa	gttcctccct	ttcattgctg	ttctaagaac	ttttcagggc	600
aggttctttt	aaaattagtc	atcttacaac	acaacagtat	tctagcacgg	tggcgaagtg	660
acaggcggga	gatacggggg	aggaaggaga	cgttcacggg	aaattccaca	ttctactcta	720
tgtgaactgc	tccagaaaaa	tacagacatg	atttcacagt	aggattccca	gagtaaata	780
tgatacatag	gacaactgac	ctcctctaag	aagcccggtt	ggggcagcag	tgagcttttc	840
atgggagccac	gcagactggc	ccggaagcaa	caccaggtt	caacatttaa	gagcactcgc	900
tataacattc	tttttggaag	cagggtggtg	aaaagttaa	aaaacaggcg	gaggagtgc	960
gggggggatac	aagcatatcc	tatactgggg	gtgacgggtc	ttcaaagagc	aaattactgc	1020
agcttatatc	ttttccacta	tggtgcaaga	aatgaatcta	tcctgaccca	taatatgaaa	1080
gatgcgacgc	acatgcattc	ccgaggctct	aaaatcccat	tttaaagaac	cgtttcacat	1140
cctcgtggag	tggagagtgg	tccacttgac	ttggtgaggt	cagaagtcc	tgaagatccc	1200
tgctgtcccc	gttggcgggg	gagccattg	tggagctgtg	gggactgcca	cactcaccat	1260
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gggcttgtct	ttcgtctgtc	aagtcagtc	tcctgcgtga	ctgatgggtg	caccacgctt	1380
aggtcacccg	ttgcaggggc	cggaagtcca	tggctctgcc	gcaaccctga	gcgggttgca	1440
gtcccccccg	gggaagaagc	agtcagagag	gctcacgctc	acctacttta	aaaacccaaa	1500
gccacttctt	cttcacctgc	ctgggcctca	gcgtctctgc	gcttgtgggt	tctcgtcccc	1560
gagggctgac	tgagctgctc	cggaagggtg	gtgtgtgggt	aaccttgggt	ggctgagagg	1620
agcaatttcc	tggtttccac	aagtaaagac	agccccatcc	cttgggacct	gtcctttccg	1680
tccctgtccc	tttggttctt	ataggacttc	cttgtcttag	attcataaac	agcaagagga	1740
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gaaagaaact	tggtcttaaa	agcaaactca	acgaattcca	catgcctga	agagcacgtg	2040
ataaaaataca	agggtggtgg	cggcgggatc	cctcaaagga	ccacgagagg	cacgggtctt	2100
ttggtgatga	aagtgttaac	ctcggcgggg	tgcggtagct	cacacctgta	atctcagcac	2160
tttgggaggc	tgaggcgggc	ggatcacctg	aggtcaggag	tttgagacca	gcctgaccaa	2220
cacggtgaaa	ccctgtctct	actaaaaata	caaacattag	ccgggcgtgg	tggtgcacgc	2280
ctgtaatcac	agctatttgg	gaggctgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
ggttgtagtg	agccgagatc	atgccactgc	actccagtct	gaacaataga	gcgagactcc	2400
cgtctcaaaa	aaaaaa					2416

<210> 3676
 <211> 2416
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2417)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature

<222> (2383)...(2122)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3676

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tacaagggtca	atacaagcct	ccagtgggaag	ctcttttattt	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	accttttacag	tggcgatcgg	cctccacnac	agcaaaatgc	180
ctccaaagt	tagaattagt	gcaacacaca	tacgaacggt	ttaaagggtgc	tcaacatcag	240
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gagccaataa	gaaacatgaa	accaatatatt	ctggaaaaaac	acttagcatg	aacgtcactt	360
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<210> 3677
 <211> 1495
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1498)...(732)

<223> similar to gi32093 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3678

<211> 5662

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5664)...(456)

<223> similar to gi2662085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<211> 2655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2656)

<223> similar to gi2280485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gcacaggagg gagcgctgcc agcctctctg atggctatgg gaaccacgtc tccacagctt     2460
tccctgtcct cthctccaac ggcatctgtg actcccacca cccgaagccg aataagagaa     2520
gaaaggaaag accctctctc agcattggcc agagaatatg gaggatcaaa gaggaacgcc     2580
ttgctgaagt ggtgtcagaa gaaaacagaa ggctatcaga atattgacat taaaaacttc     2640
agcagcagct ggaaa
2655

```

```

<210> 3680
<211> 4410
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (1)...(4411)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4411)...(749)
<223> similar to gi4240217 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3680

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ctaagctgca tcaagtga aaatacaaaa atgctgtccc tctccctgg gctcgggaagg      180
cagtgcactt tctccctctt aacagcccag actagacggg tgaggagggtc agtggcctgt      240
gacccagggc caagctggga gtgtcccgca tagccttttt ctctgaccag tgggggggaat      300
tccatctacc cttgagggcg tgctgggctg gggcccggtt ttccacaacc agcacatgtg      360
ntggtgagaa aaaacccaag ggtagcttta tcaacagggc tgctggggcc ttaaataact      420
tgacagtgag tggtgggccc ggtcacagcc aggggaaagg acttaacaca gattgccctc      480
ccaagccccc actggctggg cctaatttta ggattaccac gggaaaaaaa gctttgatga      540
aagacaacag gaagtcaaca cagcagagag tgggtgtggac aacccatgaa tgccagcctc      600
accgcattcc catgccccac agttaacgat gacaacaaca gcaataataa taataataat      660
aaaacaaaagg tacaggtgaa aagcagcgct tgggggtgtg tgctgcaagc tgggggaaggc      720
gcgtgctcaa cttggatggg acacacctag tctttcttca agtccctgga ttcaaagagc      780
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094687235-0127100

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<210> 3681

<211> 2752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(856)

<223> similar to gi4406821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3681

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cagccgcagc	cgccgctgcc	gccgaacctt	accctgtgtc	cggggccaag	cgcaagtatc	180
tggaggactc	ggaccccgag	cgcagcgact	atgaggagca	gcagctgcag	gaggaggagg	240
aggcgcgcaa	ggtgaagagc	ggcatccgcc	agatgcgcct	cttcagccag	gacgagtgcg	300
ccaagatcga	ggcccgcat	gacgaggtgg	tgtcccgcgc	tgagaagggc	ctgtacaacg	360

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tggaacgagat ccccgagtggt gtgcaccagc tgggtgatcca aaagctgggtg gagcaccgcg 540
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tcgtgtctca cgtggacccc atccacatct tcgagcgccc catcgtgtcc gtgtccttct 660
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<210> 3682

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(1700)

<223> similar to gi4691726 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3682
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tggttgacag atctcggcaa aagtgcattgt ctccagagcct tgacttatcc gaattggcca 180
aagctgctaa gaagaagctg caggcgctca gcaaccggct ttttgaggaa ctccgcatgg 240
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acagcactct ggtgacagag cgcagtgtgt tgcccttcct gcctgttaac ccggaataact 360
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ccttgatcat cgacattctc agtgaggcca agcggagaca gcagggcaag agcctgagca 480
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gagtgtgtgg gcgg 2354

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<210> 3683

<211> 2547

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(2535)

<223> similar to gi452821 in the genepept database release 114,

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(1151)

<223> similar to gi2674195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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09489735"013100

<210> 3685
 <211> 3269
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3270)...(625)
 <223> similar to gi2290534 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3685

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<210> 3686
 <211> 3307
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (125)...(427)
 <223> similar to gi4100164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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```

<210> 3687
<211> 2386
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2387)
<223> n = a,t,c or g

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```

<220>
<221> misc_feature
<222> (7)...(1041)
<223> similar to gi2795825 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3688

<211> 3455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (373)...(808)

<223> similar to gi3878110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3689
 <211> 1266
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(445)
 <223> similar to gi4530441 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3689						
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tttcgttcca	ttttccagca	catacaatca	gctcagtctc	agcgtagccc	ctcagaactg	180
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gcagccaaaa	acaagaaaag	cccagagata	cacaggagaa	tagacatttc	ccccagtaca	360
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gatgggcata	attctaaaaa	tgaactacaa	aggggttaatt	tttattaaat	gtatcaacaa	480
cctttgtgaa	gtgggttagaa	tatggtaaat	gaccccaaaag	tctattgagg	tgagcttgag	540
aaaaaaaaga	gaggagtttt	ggaacaagtg	cccatgatga	gagaagaaac	tttttgtgat	600
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ttaaaacatc	agaagagatc	tcgtcctcca	tgccccaaaa	aagccaactc	attggagggtg	1200
ttacccctgg	gagcagtgtt	gcatttgtct	ttttgtcttt	ttttgctctt	tgaggagatgc	1260
agaggc						1266

<210> 3690
 <211> 1006
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (8)...(370)
 <223> similar to gil871612 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3690

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caccagcct	ctttatttca	ccatcctgga	aggaaactgt	ctgtctaattg	gtcacagagc	780
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tcgacctttc	ttttcttaga	ttgattttgt	gagggtttttt	ttttttcctt	tagccttttc	960
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<210> 3691

<211> 2781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(1437)

<223> similar to gil503988 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3691

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agtctcacat	ggcaacgaaa	acaacttgta	tgtcttcaca	aggatcagat	gatgaacaga	180
taaaaagaga	aaacattcgt	tcgttgacta	tgtctggcca	tgttggtttt	gagagtttgc	240
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gggaaactgg	aattggaaaa	tcaacactga	ttgacacatt	gtttaatact	aattttgaag	360
actatgaatc	ctcacatttt	tgcccaaattg	ttaaacttaa	agctcagaca	tatgaactcc	420
aggaaagtaa	tgttcaattg	aaattgacca	ttgtgaatac	agtgggattt	ggtgaccaa	480
taaataaaga	agagagctac	caaccaatag	ttgactacat	agatgctcag	tttgaggcct	540
atctccaaga	agaactgaag	attaagcgtt	ctctctttac	ctacctgat	tctcgcatcc	600
atgtgtgtct	ctactttatt	tcaccgacag	gccactctct	gaagacactt	gatctcttaa	660

c	c	a	t	t	a	c	c	a	a	a	a	720
t	t	t	c	t	a	a	a	a	c	t	a	780
g	c	g	t	c	c	a	g	a	t	t	c	840
t	g	a	a	t	g	g	a	c	a	t	a	900
a	g	a	t	g	g	t	c	a	a	t	a	960
g	t	g	a	c	t	t	t	g	t	a	a	1020
a	g	a	c	c	c	a	t	a	c	a	t	1080
c	a	g	a	t	g	t	g	g	a	a	c	1140
a	t	g	a	g	t	t	c	c	a	t	a	1200
g	a	g	t	a	a	g	a	g	c	c	a	1260
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a	g	t	c	c	t	t	t	c	t	a	a	1440
t	t	t	t	g	t	a	a	a	a	a	a	1500
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g	c	t	t	c	a	a	a	a	t	c	t	1740
c	c	g	a	c	a	c	c	t	t	a	a	1800
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g	g	t	t	g	a	a	t	c	a	a	a	2580
a	a	g	a	t	a	t	a	a	a	a	a	2640
g	t	a	t	t	c	t	c	a	g	a	a	2700
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<210> 3692

<211> 2548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (202)...(1816)

<223> similar to gi3875448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3692

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<210> 3693

<211> 3923

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (121)...(1223)

<223> similar to gi793845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gcgctgaccc	atcgtcctcc	cacgcggggc	ggcggaggac	agcggcggag	cgcggcggac	5340
ggaaggggct	gg					5352

<210> 3695
 <211> 803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (479)...(684)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3695		
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tggcacctcc	tctccgcgcg ttcttggggt gaggctgggt aattgttcct gcagggtgggt 180	
gggtgatagt	ggccagttga ctgcgactgt gtttggggtg tgggaagcct gaagaaaagg 240	
ttgtttctta	ccggtcgctg cctcagggag gtagtgcggt agaattttcc gctatgggtc 300	
attctcgggtg	tccgcgggga agggcgtgac aacgacgggc gtgacggcga agcaacagtg 360	
tctcgagagc	gctgccgccc ggagggcgcc aggagaagtg cgtccgagac gccgcgcggt 420	
gatgctcctg	aaaacgtctg cccggcgtag cgggaacca gcatgatttt caggagtctc 480	
tgttgccag	gctggaatgc aatggtgcgg tctcggtcac tgcaacctct gcctcccggg 540	
ttcaagcgat	tatcctgctt cagcctcccg agtagctgga attgcgggca tgtgctacca 600	
cacctggcta	atttttgtat ttttagtaaa gacgggggtt ggccatgttg gccgggctgg 660	
tctcgaactc	ctgacctgag gtgatctgtc cgcctcagcc tcccaaagtg ctaggattat 720	
aggcttgagc	caccgcgcc gccctatttc tgagtgttta ttgtaaaaac tatagttttt 780	
aaagtttgcc	agatgcaata aaa	803

<210> 3696
 <211> 917
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(918)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (679)...(388)

<223> similar to gi2879865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3696

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caaaataacc	aaaaaaatga	agaaagtgcc	taaaacatga	tacagcattt	tagagccctt	180
tcagatacaa	ggcagagaaa	ggtgtaaagt	agaaaatatc	cggatcttca	gtaatttcca	240
aaatgggtcca	attcctcagt	tggctgcagg	gcagctggca	gatccttgct	gctgctcctg	300
ggacagagcc	actaagtctg	ctcctcggga	cacaagccct	caggccctga	gctgagtgc	360
cctctccctt	cccccttctt	tttccttcgc	tccatttccc	actccacaaa	ggtgtcaaag	420
agacttggcc	aggcctcatc	ttcactgtag	ttgctgaggt	cagggccaat	cacctgagt	480
aagttaagga	acatgttcca	agtgtcccgg	gagatgccct	tgatccccga	ggggttctct	540
gtaggaagt	ttagccattg	gtccaatacc	ggaggattgt	tctgggtaaa	gactagtttc	600
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aaactgaaat	gtaaaccggg	agagatcctt	gaatttatcc	tcttgtttgg	cttctgttaa	720
gagggctagg	ggaaccttgc	acagatttcc	gttcaatgct	gttttgcact	tattgntttg	780
caggccattc	aaaaaattcc	tttcctgcaa	caggaaagg	aaaagggaca	tttattcatt	840
attaaattat	attttttacag	ggcattntac	tngtggttta	ggngcagggt	tttcaggccg	900
ntggtttgat	ttggatt					917

<210> 3697

<211> 2094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1589)

<223> similar to gil469169 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3697

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tgccatcccc	aacatcccc	tctcttctcc	cttacctgga	gtaccaagc	ctgtttttgc	180
taçagttgat	ggacaggaaa	agtttgaaac	caaagtaacc	acattggata	atgggcttcg	240

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cgtggcatct  cagaataagt  ttggacagtt  ttgtacagta  ggaattctta  tcaattcagg  300
atcgagatat  gaagcgaaat  accttagtgg  aattgctcac  tttttggaaa  aattggcatt  360
ttcgtctact  gctcgatttg  acagcaaaga  tgaaattctg  cttacgttgg  aaaagcatgg  420
gggtatctgt  gactgccaga  catcaagaga  caccaccatg  tatgctgtgt  ctgctgatag  480
caaaggcttg  gacacggttg  ttgccttact  ggctgatgtg  gttctgcagc  cccggctaac  540
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cacagttggc  ctccaccgtt  tctgccccac  agaaaacgta  gcaaagatca  atcgagaggt  720
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acctctgaca  agcaggagaa  ggtaaggggc  cggtcagctc  caaggagcgc  gctccacgcg  2040
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<210> 3698

<211> 2054

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1623)...(571)

<223> similar to gi2443338 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3698

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acgtccctcc  ctattgcaca  tggaccctat  atacaggccc  acctggctga  ggctggcggg  180
actcttggca  cattcttgg  tccctgtctc  ggaggggagg  ggtgacgggg  tggcatcaca  240
cgtgagatgg  ggacctccag  gcggccactc  tggctcctgg  tactgatcct  tgcacttctt  300
ggtcctcagt  tccttcctgg  tcccgctctc  ggccctggtc  ccctctggca  acgtccccct  360

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gcttggtctg	gcttccacc	tccatcctgg	cctcggttg	ccccctcggc	tcttggggac	420
tctgtctccc	tcccagtcgg	gaggtcccag	gggggctatg	gcttctctga	gacttcccc	480
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ccgatactca	gaag					2054

```
<210> 3699
<211> 1202
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1203)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (53)...(825)
<223> similar to gi5326919 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3699						
ccggtagaag	cccgcaattc	ttgtgtagac	ccacgcgtcc	gcggaacgcgt	gggtggaaga		60
gcaggcccag	gagctgcccc	cagggaactgt	gtcaccocgg	aactgcaccc	gctgtgtctg		120
ccacggtgga	gccttcagct	gctccctcgt	tgactgtcag	gagtgccecc	tggggaaacg		180

tggcagcagg	tggccccggg	ggagctgggg	ctctgcgagc	agacgtgcct	ggagatgaac	240
gccacaaaga	cccagagtaa	ctgcagttca	gctcgcgcct	cgggctgcgt	gtgccagccc	300
gggcacttcc	gcagccaggc	aggcccctgc	gtccccgaag	accactgcga	gtgctggcac	360
cttgggcgtc	cccacctgcc	tggatctgaa	tggcaggagg	cctgtgagag	ctgcctctgc	420
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ctcctcactc	cataccttctt	ccttgagtcc	ttccagtcca	cgtttttcct	tcttctcggt	960
gttcttgtta	atttcatctc	ctatcatgca	tacttggtgg	tgtctggggt	agttgcacct	1020
agttcaaacc	ccagctcatc	tgtttccttt	gtttccttgc	tcagcctccc	tgacatcatc	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnc	caattgggac	ccccagttgg	gaggccaggg	1140
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ct						1202

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<210> 3700
<211> 1738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1502)
<223> similar to gi2546979 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters.

```

<400> 3700						
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ctctcgaggg	gttgtgggtc	ttactgcgca	ggcgcaaaag	caagtcctct	tccgggcaaa	180
atggcgatgg	gactaatgtg	cggacgcggg	gagcttctgc	gcttgctaca	gtccgggctg	240
cgggtccaca	gcgtcgcagg	gccctcgcaa	tggcttgagg	aaccgctgac	cacacggctc	300
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ccagtgggac	tgatccagaa	tttactggaa	tttatgcatg	ttgatctggg	cctaccttgg	600
tggggggcca	ttgctgcatg	tacagtcttt	gcccgtgcgc	tgatttttcc	tctcatcggt	660
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cccatctaca	tattaccact	ggcagtcact	gctacaatgt	gggctgttct	tgagctaggt	1020
gctgagacag	gtgtgcaaag	ttctgacctt	cagtggatga	gaaatgtcat	cagaatgatg	1080
cccctgataa	ccttgcccat	aaccatgcat	ttccccacgg	cagtgtttat	gtactggctc	1140

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cattttaaaa	acggatttca	tgaaacactc	ttgtacttat	gtttataaga	gagcactggg	1680
tagccaagtg	atcttcccat	tcacagagtt	agtaaaccctc	tgtactacaa	aaaaaaaa	1738

<210> 3701
 <211> 3561
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3205)
 <223> similar to gi3676530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3701						
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gcctgcgctc	cctccgcggc	cgccggagcg	ggcgccatga	accccagctc	ctcggcggga	180
gaggagaaag	gggcgcaggg	cggcagcagc	agcagcggaa	gcggcgccgg	gagctgctgc	240
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gctgccctgg	acgagccgcg	ggccgcgcgc	cagaaggaga	aggacgaagc	gctggaggag	360
aagctgagga	acttaacttt	ccggaagcag	gtctcgtaca	ggaaagcaat	ctcccgggca	420
ggcctccagc	atctggctcc	tgcacatccc	ctcagccttc	ctgtggcaaa	tggtccagcc	480
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atgtgcaaaa	tcagctctca	ggaggaagtg	tgcagtctgt	aaaattgtag	ttccacaacc	660
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aattgtatag	gaaagtacca	aatctgcgaa	ttctggcctg	tggtggggat	ggaacgggtg	1320
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ctaccaagat	gtacaacaga	acatgatagc	ccattgagaa	ggaggcagga	tacctggaga	3420
tttgtggaat	acagtacgag	ttccacaaaa	tttgatcctt	attgcttcca	gcaagtagca	3480
tgaacttctg	tgttcacctg	tataatttat	tttaaagatt	caaaggatgt	tcgtataaat	3540
ggcactgctc	catcctccaa	a				3561

<210> 3702

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2581)...(1593)

<223> similar to gi5731802 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3702

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tataacttta	ttaaaatgaa	aagacaatat	tcaaaataat	gcaacaaaat	gaataaaatc	180
ctttgtccaa	tactgtacac	ataatgcaga	aatcagtgca	tttttcttaa	gcatgtttta	240

accttcattt	agttcatact	aaaatataat	aagcttttaa	tagctcaa	aatattcagc	300
agtttaaact	gtaaacagct	tgtttaactg	ttaagagaac	attgcagtaa	tgtacctctg	360
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gtacaggtga	caatatgggt	gccaagtaac	ctgctctccc	tccctcaaca	agacgcaaca	960
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aagggatttt	tctctgcact	tcaatcaaac	tggaaaattg	agaaccattt	gctcctatgt	1560
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catcactata	ggtgctcgaa	gtaacttctg	ctgaccatct	tctataatct	ggctttactg	2100
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atatttgaaa	tcagaaagtg	tagagtcttc	taaaagggaag	tctgtatctg	agctagttag	2460
gaattccacc	tcacagtctg	tgtcatccag	agagagggct	tcagagattg	gcaacgggtg	2520
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<210> 3703

<211> 2903

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2904)...(1735)

<223> similar to gi5262591 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3703

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aatggctgcc	agttttccat	agagtcccta	ttgtgtcaca	gccctgcaac	actttgtaca	180
ctcttttggg	atacaacatg	cccattctccc	cgacaagaca	gagctccaga	ggacgggaac	240
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gctttctggc	aacgttgaca	ctgataaagt	gtctcctggg	tgtgaactct	caggtgctgg	1860
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<210> 3704

<211> 1738
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1739)...(1512)
 <223> similar to gil041038 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3704

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agtattgggt	tcatcattat	tattattatt	attattacta	ttattatttc	ccatagccca	240	
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attatagtga	cttctagctt	ataaaattaa	cagataccat	gatttcattt	tagtcatgtg	420	
ctttgataac	agaaaataat	taattagcat	ttaatgtagt	taacatattg	tggtaaaagc	480	
accattagat	ttgttttttt	gttttttttt	tttaatttcc	ttcagttttt	aaagggatac	540	
aagtttaaca	ataaaaaaca	taaaaagcaa	aaatagctcc	ccttttttct	gcaaggctgt	600	
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tatatactta	actgctgact	gctgaaccaa	aacaaactaa	aggaacaaat	aaaaaaggaa	1020	
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gacgtgggtt	gaagctctgt	gtccggcacg	gcagaggcac	aggccgggca	atcgttggtg	1680	
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<210> 3705
 <211> 1740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1741)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (212)...(819)
 <223> similar to gi4107015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3705

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cctctggcct	gcagtcggcc	acccaccccc	caggagggac	ggagccacca	cggccccgag	180
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cctccatgac	ccccgatgcc	aaacacctgt	ggctggagtt	cagccacccc	gtggagagcc	360
tggcgctgac	tgtggaagag	gtgatggacg	tgcgccgtgt	gctggtgaag	gccgagatgg	420
aaaagttttt	gcagaacaag	gagctcttca	gcagtctgaa	gaaggggaag	atttgctgct	480
gctgccgggc	caagttcccg	ctgttctcgt	ggccgcccag	ctgtctcttc	tgcaagagag	540
ccgtctgcac	ttcctgtagc	ataaagatga	agatgccttc	taagaaattt	ggacacatcc	600
ctgtctacac	actgggcttt	gagagtcctc	agagggtatc	agctgccaaa	accgcgccaa	660
tccagagaag	agacatcttt	cagtctctgc	aagggccaca	gtggcagagc	gtggaggagg	720
cgttccccca	catctactcc	cacggctgtg	tcctgaagga	tgtctgcagt	gagtgcacca	780
gctttgtggc	agacgtggtg	cgttccagcc	gcaagagcgt	ggacgtcctc	aacactacgc	840
cacgacgcag	tcgccagacc	caatccctct	acatccctaa	caccaggact	cttgacttca	900
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gcacagactg	catcccatgt	tcccatgctc	ttctccgtcc	ccaggaatgc	gaacggcagt	1260
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<210> 3706
 <211> 3115
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3110)...(557)
 <223> similar to gi6002714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ctccgagcct	gggcttcctc	aagagcgtgg	cccaagggcc	ccacagccca	gatccgggca	180
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tcttcaaac	tttgccccc	ggtgggtcag	tagaaccacc	agtgtcctcc	ccttctacct	360
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gatgtggccc	tggccagag	catgcaggct	tacctgccag	ggccactcgc	cctcatccgc	1260
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tgttgactgg	caggaaactcc	acgccttcct	ccaagccatt	cactttctcg	tgccgggagt	3060
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<210> 3707
 <211> 3977
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1940)
 <223> similar to gi4240183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3707

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ccagcctgga	gctgctagtc	agttttattgc	agcgacgccc	acaagtctaa	tggaggcgca	180
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<210> 3708
 <211> 2215
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2217)...(2020)
 <223> similar to gil9917 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gctggcaggc	atctgctaag cccctaaact ggtcagcgca ggttatgcgc ccattccgag 540

accacaacaa	tactccagga	cttcgcacct	cctcctcgag	aggcaacgga	gagaactgct	600
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